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Title word cross-reference

3D [ABW93]. **3DIS** [AM89].

5s [GFWK04].

k [CVS21, KZP10, ZTM⁺17, ZLF⁺17]. *N*
[ABCZ21, CWZ⁺20b, CWZ⁺20a, DK04,
LPLH19, PV19, SHN17, WZZ⁺23, XHW⁺19,
ZLF⁺23, Coh97]. *O*(1) [Non13].

-Gram [PV19]. **-Grams** [Coh97, SHN17].
-learning [GWLC06]. **-nearest** [KZP10].
-workspace [Non13].

1 [HRY⁺22a, YSXK23]. **100-year**
[Gla04, GL05].

2 [HRY⁺22b]. **2007** [Mar08b]. **2008**
[Mar08b]. **2009** [Cal12]. **2012** [Cal12].

abbreviations [YKHW06]. **Abilities**
[CACW23]. **aboutness** [WSBC01].
Abstract [MTKY92]. **Abstraction** [FP94].
Abstractive [BZCE22, CLG⁺23, LYZ⁺23].
Accelerating [ZZL⁺15]. **Access** [Gla97,
MNP⁺21b, RS97, WS90, BFF⁺03, CDR10].
Accesses [CZ93]. **accessibility** [CDH⁺09].
Accessing [Dun97]. **Accounting** [MK16b].
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Accurate [CJY23, YLZW22]. **Achieving**
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ACM [All89, All91, dR19]. **Acoustic**
[MO12]. **Acquisition** [BWS⁺17]. **across**

[IH07, TLKW16]. **Act** [CW94, KM97]. **actions** [YHYO01]. **Active** [CZZ+17, WHFG92, DEL+00, HJZL09]. **Activities** [LAL+17]. **Activity** [CHBS15, JMZ22]. **Ad** [CGM05, DLA22, KL09]. **Adaptation** [WWN22, WLL+23b, CBZ11]. **Adapting** [LMZ20, CDH+09]. **Adaption** [ZZL+22]. **Adaptive** [BHMW07, Bul95, CJW+21, JMZ22, LK20, LJQY19, LFW23, WLL+23a, ZYT+21, BDS04, CCC09, LBS08]. **Adaptively** [DMUN19]. **adaptivity** [RSG09]. **added** [MLDGH04]. **Additive** [DLN+16]. **Additivity** [KSVS16]. **Addressing** [HZF+23]. **Adjusted** [LCL+17]. **Adjustment** [EMS21]. **Adversarial** [CZX+19, RYC+20, WLL+23b]. **Advertisement** [ZLF+17]. **Advertising** [ZGN+17, ZWL+22]. **Affect** [Fer17, MLK+18, WZL+19]. **Affects** [MMO21]. **affiliated** [BM02]. **after** [Gla04]. **Against** [ZLF+17, ZWL+23]. **age** [Mar08a]. **Agents** [PYF+92]. **Aggregate** [ABCZ21]. **Aggregated** [AC16, AC19, CSZD15]. **aggregates** [MS01]. **Aggregation** [GCC12, TP05]. **Agree** [SZ21, BM02]. **Agreement** [DL16]. **Algebra** [FR97, GZC89]. **Algorithm** [BR96, CGB19, EMS21, VB98, CL03, KT05, PMPJ11]. **Algorithms** [AZ12, FZSG21, GR95, Kon04, Pal15, SC19, ZZL+15, ZLF+23, BM12, DK04, PF03, TS10]. **Align** [HLL+17]. **Alignment** [WWN22, XZZ+22, YHS+12, ZZT+21]. **alleviate** [HCZ04]. **Allows** [Man97]. **Alphabet** [MP20]. **alphabets** [Non13]. **Am** [LCY21]. **Ambiguity** [KC92]. **Ambiguous** [YDW22]. **Among** [Fer17, LM90]. **Analyses** [MC14b]. **Analysis** [ASSC22, BHH+16, BB93, BRS92, CGB19, CMR91, CSZD15, DBCJ21, EMG11, FCL+23, HCD+23, LLG+23, LZG21, MK16a, PPGK04, PR16, RABC22, SE91, VKD21, ZH17, dODMS20, ACS08, Car12, CJRY12, CHS99, GWR99, GL06, LM01, LWA08, MPHS03, PR09, SC09, XC00]. **Analysis-Based** [PR16]. **analyzing** [SNS+05]. **Anchor** [LCL04]. **annotate** [CDH+09]. **Annotation** [SLZ+19]. **annotations** [AF07]. **annotator** [ZWRL19]. **Answer** [CCC+12, DXL+22, DLZ+22, GCR+21, HWN+19, LYZ+23, MT21, MAL16, KSNM10, MS01, Ack98]. **answer-ranking** [KSNM10]. **Answering** [AA16, BGQT07, GCR+21, LLN22, LLM22, MAL16, PHK12, TM19, YXL+23, ZWMH19, CTM12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. **Anytime** [MPM22]. **App** [CHN+17, HL17, TZP22, YZW+17]. **Application** [EMS19, GPS93, GH96, MKF91, RN96, VAJR22, WSBC01, LCH07, SSS11, PGD07]. **Applications** [JTL+17, SS93, WLS+17, WRD22, WBB+90, ZLF+17, ZXZL20, DDH+09, FP00, HJZL09, dOTM01]. **applied** [ZL04]. **Applying** [HCZ04]. **Approach** [AA16, BLH+22, BK90, CFC+19, CSZ+22, FB91, GPS93, HLC+20, KLHK13, Kwo95, LYN+21, LL23, MAP+22, MHR22, MMLP97, NWZC12, PBS22, QZX+20, TQH15, WXLC13, WHL+16, WZW+22, YSZ+17, YHS+12, YCZ+15, ZZL+15, AC08, ASST05, CdMRB01, CC05, Fuh99, GWLC06, GWR99, GP00, HHWL01, LM01, LCL04, MS01, Owe02, PZMRN05, WMJ05, YKHW06, ZFL+07]. **Approaches** [CCC+12, Gru92, MC14b]. **Appropriate** [ZLF+23]. **Approximate** [ABB+15, PMD01, Web13, ARSZ03]. **Approximation** [LJQY19]. **approximations** [MOT11]. **Apps** [AZCC21, LAL+17, USN+17, WLG+17]. **Arabic** [ANW17, AA16, DM07]. **Architecture** [AAL+20, KL91, KEL95, PYF+92, PSDB99]. **Architectures** [WLY+14, CML00]. **Archival** [ANW17, ZJT16]. **Archives**

[CCC⁺12]. **Areas** [HY20]. **Arithmetic** [MNW98]. **Arnoldi** [WW10]. **Array** [NCZG14]. **Article** [USN⁺17]. **Articulating** [KMdRS06]. **Artifact** [CR92]. **Ask** [ZHRK23, GL05]. **ASM** [BR96]. **Aspect** [FCL⁺23, GCH⁺19, LLZ⁺22, LLG⁺23, LZG21, SWZ⁺22]. **Aspect-Aware** [LLZ⁺22, SWZ⁺22]. **Aspect-based** [FCL⁺23, LZG21]. **Aspects** [MSMO18, WLT⁺22]. **Assessing** [CVS21, LA08]. **Assessment** [SQZ⁺22, PTL08]. **Assessments** [MHR22, STZ22]. **Assessors** [FFM17]. **Assimilation** [ZXZL20]. **Assimilation-contrast** [ZXZL20]. **Assistance** [CWL⁺20]. **Assistant** [MNP⁺21b]. **Assistants** [AZCC21]. **Assisted** [CH96, LK20, ZWMH19, ZK20]. **association** [TL03, WZZ04, YWYL08]. **Associations** [SLHS93, ZHY14, HZSL13]. **Associative** [COR13, HCZ04, RBV09]. **Assumptions** [Coo95, FP94]. **Asymmetric** [MP20, ZWE⁺22]. **Attack** [ZWL⁺23]. **Attacks** [TQN⁺23]. **Attention** [HWN⁺19, LHL23, LLZ⁺21, LWP⁺21, WWX⁺23, XZZ⁺22, YHS⁺21, ZHL⁺22, ZCZ⁺23, ZXZL23, APJL20, QDZW23]. **Attention-based** [LLZ⁺21]. **Attentive** [CSR⁺20, CLM⁺22, DXL⁺22, GCH⁺19, GCN⁺19, PCCC22, PLR⁺22]. **Attitudes** [Ols89]. **Attribute** [NTV22]. **Attributed** [FLMD22, MLZ⁺20, ZWF⁺23]. **Attributes** [DCT⁺17, LLW⁺21, MLZ⁺20, ZYW⁺23]. **Attribution** [Sav12]. **Auction** [APJL20]. **Audio** [HSH93, SCL⁺22]. **augment** [BM12]. **Augmented** [XHX⁺22, ZHZ⁺19]. **Augmenting** [Ack98, TGS16]. **Author** [Ano93, Ano96a, Ano97, Cro98, RZCG⁺10]. **author-topic** [RZCG⁺10]. **authority** [LS02]. **authorization** [BJS99]. **Authors** [Ano94a]. **Authorship** [Sav12]. **Auto** [CRD16, VAJR21, WLL⁺23b, ZZY⁺23]. **Auto-Completion** [CRD16, VAJR21]. **Auto-Encoder** [ZZY⁺23, WLL⁺23b]. **Autoencoder** [XHX⁺22]. **Automata** [SFR98]. **Automated** [ADW94, KM97, SSCT09]. **Automatic** [BJL⁺07, GS91, LMW⁺21, PBF⁺89, RBV09, CdMRB01, GWR99, GIS03, LSOS06, LWA08]. **Automatically** [ZZH⁺18, YKHW06]. **autoregressive** [CJY23]. **AutoWeb** [FP00]. **Auxiliary** [DYL⁺20, LDW⁺17]. **Availability** [ZLW16]. **Aware** [AC18, BWS⁺17, CWZ⁺20b, CDZ⁺23, CS16, CSZ⁺22, GXTL14, GCH⁺19, LJHL17, LLZ⁺22, LXW⁺17, MHLH23, MJH15, PLR⁺22, SWZ⁺22, TQH15, WQL⁺19, WMM⁺23, YZW⁺17, ZKJW22, ZGCC18, ZWE⁺22, AZCC21, CXZ⁺21, DXL⁺22, HML⁺23, IG08, LXZ⁺22, LHL23, LMZ23b, LZG21, WLFT18, WLT⁺22, WLM⁺21, YCZ⁺15, ZWRL19, ZWC⁺23, ZWX⁺23, ZCLC23, FFM17]. **Awareness** [YLZW21]. **AZFin** [SC09]. **Badge** [WHFG92]. **balance** [PSPBY10]. **Bandits** [JMD20]. **Base** [ZMK⁺20, ZKMM23]. **Based** [APCC15, AKFA15, AK18, AOK14, AA16, BCFG15, BC14, BA18, BLH⁺22, CGB19, CE89, CFP95, CW94, CWZ⁺20a, CDM15, EMG11, Fuh89, GPS93, GCC12, GR96, GYC⁺22, IC16, JVA⁺15, Koi95, Kwo90, LCJ⁺16, LLT⁺21, LLZ⁺22, LLM22, LPY94, LCL⁺17, LGQL19, LCJ⁺19, MAP⁺22, MNP⁺21b, NWZC12, PPR13, PGW⁺17, PR16, QLNY19, QHCY22, QFZ⁺19, Res93, SC19, Sav12, SCL⁺22, SZS17, SE91, SSGC89, SF89, SFR98, SLW⁺20, TBC96, Tuz95, VHJC11, WLY⁺14, Won94, XC98, YW15, YLZW21, YC94, YHY⁺17, YDXW21, YMZF22, ZLL⁺22, ZKMM23, ZZL⁺15, ZZZ⁺16, ZWE⁺22, dMdSsdA⁺08, ASSC22, ADCU08, AV02, BZCE22, BBD11, CC01, CDH⁺09, Car12, CZJ07, CL06, CCC09, CSLN10, CC05, Coh00, DGMG23, DK04, DDH⁺09, EKK99, EKK00, FBN⁺12, FCL⁺23, FCD02, FG04, HYZ⁺23, HHWL01,

HHC⁺¹⁰, IH07, JK02, KNS04, LBS08, LLBS18, Lin07, LHSC11, LLZ⁺²¹, LZG21, LL23]. **based** [MPS07, MRC⁺²³, MC10b, Owe02, PCC⁺²², PCCC22, PTKJ07, PZMRN05, QZXP06, QHLY20, SZ21, SZ09, TM10, TQN⁺²³, WS90, WMJ05, XTF⁺²¹, XHW⁺¹⁹, YKHW06, ZHL⁺²², ZZT⁺²¹, ZSY⁺²¹, ZHW⁺²², ZCZW22, ZZY⁺²³, ZHD⁺²², ZKG08, ZRZ02, ZWL⁺²³, ZK20, dOTM01, RCR⁺²¹]. **Baseline** [AA16]. **Baselines** [KSVS16]. **Bases** [ZWMH19]. **basic** [TS10]. **Basis** [RL94, Mel08]. **Basket** [WC21a]. **batch** [HJZL09]. **Bayesian** [LCJ⁺¹⁹, SLW⁺²⁰, WZW⁺²², YCZ⁺¹⁵, ZXZL23]. **Be** [FC17]. **Behavior** [AC16, HL17, LHH⁺¹⁹, LCPD19, LMZ20, MBST17, OS96, SSY⁺¹⁷, XYW⁺²³, ZLM⁺²³]. **Behavioral** [RSD⁺¹³]. **Behaviors** [HCD⁺²³, YCZ⁺¹⁶]. **Behaviour** [BACF17, SBM⁺¹⁷]. **Belief** [WH15, ZM14, LBS08]. **belief-revision-based** [LBS08]. **Benchmarking** [AOK14, WSBC01]. **Beneath** [KL00, PR04]. **Bennett** [Gru92]. **Bernoulli** [LA08]. **Best** [MAL16, SW90]. **Best-Match** [SW90]. **Better** [ZAK⁺²³]. **between** [DLA22, MTKY92]. **Beyond** [DXZ⁺²²]. **Bias** [CDW⁺²³, FN96, LFW23, MAP⁺²², MMCC⁺²¹, Oos23, PHK12]. **biased** [MZ08]. **Biases** [WH15]. **Bidirectional** [MTKY92, ZLL⁺²⁰]. **Big** [DCT⁺¹⁷, SSY⁺¹⁷]. **Bilateral** [ZDW⁺²²]. **Billion** [YMZF22, ZNL⁺¹⁷]. **Billion-Edge** [YMZF22]. **Billion-Scale** [ZNL⁺¹⁷]. **Binary** [MNZ19]. **biomedical** [YKHW06]. **Black** [ZWL⁺²³]. **Black-box** [ZWL⁺²³]. **Block** [CWZ^{+20b}, CHS99]. **Block-Aware** [CWZ^{+20b}]. **Blocks** [FC91, LPC⁺²³]. **blogosphere** [CSJS10]. **Bloom** [AL13]. **Boies** [Gru92]. **Boolean** [CGMP99]. **Boosting** [BMMC19, CJZ⁺¹⁶, FPSO06, CBZ11]. **BoRe** [LMZ20]. **both** [WZZ04]. **Bots** [MTC21, ZWL⁺²²]. **BotSpot** [ZWL⁺²²]. **bound** [MOT11]. **Bounded** [HSS⁺⁰⁹]. **box** [ZWL⁺²³]. **Brand** [LZW⁺²⁰]. **Breaking** [MK16a, SC09]. **broadcast** [LSOS06]. **Broker** [TGL⁺⁹⁷]. **Brotli** [AFF⁺¹⁹]. **Browse** [LMW⁺¹⁴]. **Browse-to-Search** [LMW⁺¹⁴]. **Browsing** [CS94, SF89, SFR98, Yan15, BKGM⁺⁰², MC06]. **Budget** [PBS22, ZAL⁺¹⁶]. **Budgets** [NGMD17]. **Building** [DWLW09, HZG20, MRYGM01, RP98, VL90, WW94, YLZW22]. **Burst** [HZW02]. **business** [KL00]. **Buttons** [Bie92]. **C** [PBF⁺⁸⁹]. **C-TODOS** [PBF⁺⁸⁹]. **Cache** [WLY⁺¹⁴]. **caching** [PSPBY10, FPSO06]. **Can** [FC17, FEL22]. **cancer** [SNS⁺⁰⁵]. **candidate** [AL13]. **capacity** [PSPBY10]. **Capsule** [LLZ⁺²², PBS22, ZY21]. **Captions** [GR96]. **Capture** [CJY23, RS97]. **Capturing** [HSH93]. **card** [BSST03]. **Carlo** [LCL⁺¹⁷]. **Cascading** [TQH15]. **Case** [HE91, SWL⁺²³, WW94, Luz12, Gul96, MC10b]. **casual** [LLC03]. **Cat** [BWS⁺¹⁷]. **Cat-Mobile** [BWS⁺¹⁷]. **Categorical** [QFZ⁺¹⁹, ZHL⁺²²]. **Categories** [CJZ⁺¹⁶, BBD11]. **Categorization** [ADW94, LPY94, YC94, CS99, GWLC06]. **Category** [CCC⁺¹², CZX⁺²², LLG⁺²³, XZY21]. **Category-Level** [XZY21]. **CATS** [BZCE22]. **Causal** [HZF⁺²³, ZJT16]. **CBMIR** [APCC15]. **CD** [KBD89]. **CD-ROM** [KBD89]. **centric** [LFW23]. **CHA** [ZHL⁺²²]. **chains** [AL13]. **Challenges** [HZG20, WWHX23]. **Change** [CZZ⁺¹⁷, YGZ15]. **changed** [LHSC11]. **Changes** [MK16b]. **Channel** [LPLH19, WWX⁺²³]. **Characteristics** [CL18, Guy18]. **Characterization** [TZP23, CSJS10]. **Charter** [Ano94b]. **Chat** [WLM⁺²¹]. **Chatbot** [WAL⁺²¹]. **Chatbots** [LLT⁺²¹]. **Check** [YCZ⁺¹⁶]. **Check-in** [YCZ⁺¹⁶]. **Checking** [SFR98]. **Chemical** [SMGM11]. **Chief** [Zha21]. **Chimera**

[ATW00]. **Chronological** [CLG⁺23].
Citation [LLZ⁺22, XZH⁺22]. **Claims** [CR92]. **CLAIRE** [TMT06]. **Clarification** [ZAK⁺23]. **Clarifying** [YDW22, ZAK⁺23].
Class [COR13, PYC⁺19, CLPM20, GCT99].
Classical [Ruh94]. **Classification** [CZZ⁺17, COR13, DG95, ES13, EMS19, HQZ17, IG08, LCX⁺19, LBC⁺19, MMO21, MPS23, PR16, RL94, YHS⁺21, ZWRL19, ZPD⁺20, ACS08, BJL⁺07, GIS03, LWSA10, PS05, SPS⁺06, TY22, TMT06].
Classification-aware [IG08]. **classifier** [GWLC06]. **Cleaning** [ES13]. **ClearBoard** [IKG93]. **Click** [LXW⁺17, MCL⁺12, Oos23, ZML⁺19, LWSA10]. **clicks** [JGP⁺07]. **clip** [HSS⁺09]. **Clipping** [USN⁺17]. **Close** [OOSC93, YWYL08]. **Cluster** [LGRK18, ADCU08, HHC⁺10].
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 [WW10]. **Control**
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Controlling [Koi95]. **Conversation**
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 [LCL⁺23, RCR⁺21, YLZW21]. **Converting**
 [Rad92]. **Convolution** [MHLH23].
Convolutional [CXZ⁺21, DHY⁺19,
 HML⁺23, WL22, ZDW⁺22]. **Cooccurrence**
 [XC98]. **Cook** [FEL22]. **Cooking** [FEL22].
Cooking-Related [FEL22]. **Cooperative**
 [FLMM91, MLF95, Won94]. **coordinate**
 [HSS⁺09]. **Copy** [AOK14, TQH15]. **CORE**
 [EGL⁺97]. **corpora** [RZCG⁺10]. **Corpus**
 [KLHK13, XC98, GWR99, TLJ⁺07,
 YKHW06]. **Corpus-Based**
 [XC98, YKHW06]. **correct** [PTKJ07].
Correcting [Oos23]. **correction** [DM07].
Correlation
 [Fer17, LHSC11, PR09, PZMRN05].
Correlation-based [LHSC11, PZMRN05].
Correlations [DHY⁺19]. **CoSam**
 [CJW⁺21]. **Cost** [GXTL14, MCF⁺17].
Cost-Aware [GXTL14]. **Cost-Effective**
 [MCF⁺17]. **Costs** [OSV19]. **Count**
 [LLZ⁺22]. **Couplings** [WC21a]. **Course**
 [WZW⁺22, PVGM11]. **Coverage** [EJ03].
Covering [ABB⁺15]. **crawl** [PS05]. **crawler**
 [AAGY01]. **Crawlers** [FAZC12]. **crawling**
 [TM10]. **Creating** [TLJ⁺07]. **CrimeNet**
 [XC05]. **criminal** [XC05]. **Criteria** [Row96].
Critical [EMS21, JSZL23, NCZG14, RJB89].
criticism [TL03]. **Critiquing** [FLMM91].
Cross [CHN⁺17, CZT⁺23, CJN20, EMS19,
 HYH15, JTS16, LHL23, MPS23, QHLY20,
 TL14, XZZ⁺22, XLW⁺22, ZZL⁺23, ZBYH23,
 ZWL⁺23, GNN⁺10, PTS13, TLJ⁺07].
Cross-Device [HYH15]. **Cross-Domain**
 [LHL23, ZZL⁺23, PTS13]. **Cross-Language**
 [TL14, TLJ⁺07]. **Cross-Lingual**

[EMS19, JTS16, MPS23, XZZ⁺22, GNN⁺10].
Cross-modal [CJN20, XLW⁺22, ZBYH23, ZWL⁺23].
Cross-Platform [CHN⁺17]. **Cross-session** [QHLY20]. **Crowdsourced** [MHR22].
Crowdsourcing [BWS⁺17, MMST17, SC19]. **CRSAL** [RYC⁺20]. **CSCW** [Res93]. **CTR** [SZC⁺23].
Cues [LXZ⁺22]. **Cultural** [GGRF23].
Cumulated [JK02, KL06]. **Curation** [HCD⁺23]. **Curious** [BWS⁺17]. **Current** [Ols89]. **Curriculum** [WZZ⁺23]. **Cursor** [APJL20]. **Customer** [PR16, ZWT⁺23].
Customizable [BZCE22]. **Customizing** [RS97]. **Cyberchondria** [WH09].
cyberspace [AC08]. **Cycle** [CR92].

D [NCZG14]. **D-Critical** [NCZG14].
DAIDA [JMSV92]. **Dangerous** [WLZW21].
Danish [ANW17]. **Data** [AFF⁺19, AARC20, CST⁺23, Coh00, DYL⁺20, FC17, FCL⁺23, GC92, HCD⁺23, JSZL23, VST⁺14, MTKY92, NFZ19, QFZ⁺19, SLHS93, SCL⁺22, SSY⁺17, SYX⁺17, TGL⁺97, Tom89, WZC⁺17, WS90, ZWRL19, ZZZ⁺16, BGQT07, BJS99, CDF01, CGM02, FPSO06, HZW02, KZP10, PSDB99, QZXP06, ZCD06].
Data-Driven [HCD⁺23]. **Database** [BBT92, FR97, ISW92, KBGW91, KN93, SÖ90, Tom89, VB98, BFF⁺03, CC03, Fuh99, IG08]. **Databases** [CH96, KBGW91, KC95, MK94, NB97, BSST03, CC01, EKK99, EKK00, GWR99, GIS03, KZSD99, LL99, MS01, SSCT09].
Datasets [PV19, CL06]. **DBface** [KN93].
DBpedia [LCL⁺17]. **DBpedia-Based** [LCL⁺17]. **dead** [Gla04]. **Debias** [CDW⁺23]. **Debiasing** [ZXZL20].
Decaestecker [EMS21]. **Decentralized** [LCNY23]. **Decision** [ASV91, ADW94, Won94, YGZ15, BDS04, Fuh99].
decision-theoretic [Fuh99]. **decisions** [WLWK08]. **Decomposition** [VFA17, KO98]. **Decoupled** [SGLS93].

Deductive [KC95]. **Deep** [AAL⁺20, FZSG21, LMZ⁺23a, LW20, LLZ⁺21, LZG21, LCJ⁺19, RCR⁺18, SSY⁺17, SLW⁺20, TM19, XLW⁺22, XTF⁺21, XHW⁺19, YW15, ZWL⁺22, dODMS20].
DeepMob [SSY⁺17]. **Defined** [BBT92].
definitional [CKC07]. **Delay** [GC92].
delivery [LSOS06]. **Demographic** [DCT⁺17]. **Denosing** [YLYT23]. **Dense** [LMZ⁺23a]. **Dependable** [DC10].
dependencies [BSV09]. **Dependency** [BLWJ15, QWZ⁺15, YW15]. **dependent** [CDR10, MSOH13, TFS⁺12]. **Derivation** [GH96]. **Deriving** [LAL⁺17]. **Descriptive** [GR96, NZW⁺14]. **Design** [BB93, CMR91, CR92, CW94, ERG⁺89, GPS93, GR95, ISW92, IKG93, LL89, Mos90, OOSC93, PBF⁺89, SZ93, WLY⁺14, AAGY01, BSST03, FCD02, GWLC06, IM05, RR98].
Design-Evaluation [ERG⁺89]. **Designing** [KN93]. **Designs** [HSH90]. **Desktop** [WDG17, CDZ08]. **Detachment** [YTD13].
details [ES98]. **Detect** [ZAL⁺16].
Detecting [AZK12, LHG⁺12]. **Detection** [AOK14, BA18, CSR⁺20, CTH⁺13, LW20, MTC21, MCF⁺17, QWZ⁺15, TQH15, WNWL⁺21, ZJT16, ZZL⁺21, ZLH⁺22, ZY21, ZWL⁺22, Zob06, AC08, CCC09, CFGM02, TFS⁺12, WKF⁺12]. **Developing** [WBB⁺90]. **Development** [Cro89b, Gru92, RN96, SS93, WL97, ATW00, FP00]. **Device** [HYH15, RSG09]. **Devices** [AK18, CMR91, WLS⁺17, ACM⁺02, BKGm⁺02]. **DGeye** [WLZW21]. **Diagnostic** [FTZ11]. **Dialog** [GCL⁺21, HZG20, CDH⁺09]. **dialog-based** [CDH⁺09]. **Dialogue** [LMW⁺21, LLT⁺21, MLZ⁺22a, SZZL23, ZHZ⁺19, ZCZ⁺23].
Dialogues [VKD21, XTF⁺21]. **Dichotomy** [GGRF23]. **Dictionary** [LPY94].
Difference [JYM13]. **Different** [CWL⁺20, LM90, IH07]. **differentials** [TkWW99]. **Difficulty** [CFFK22, ZZH⁺18].
Diffusion [GRSD⁺16]. **Digital** [CDM15, EGL⁺97, GR12, MMO21,

MNP^{+21b}, SMGM11, WBP⁺¹⁶, AF07, Gla04, GL05, GFWK04]. **Dimension** [ACC18, DHY⁺¹⁹, Koi93, RBM23]. **Direct** [HSH90, WKF⁺¹², MK94]. **Directed** [SHS⁺²³, ZHC⁺²⁰]. **Direction** [ZWE⁺²²]. **Direction-Aware** [ZWE⁺²²]. **Directions** [CDW⁺²³, ZZL⁺²³]. **Directly** [Man97]. **directory** [GKL⁺⁰⁷]. **DirichletRank** [WTS⁺⁰⁸]. **disambiguating** [YKHW06]. **Disambiguation** [MKZPK18, SG14]. **Disclosure** [CST⁺²³]. **Discovering** [LOP⁺¹³, ZFL⁺⁰⁷]. **Discovery** [JTS16, OSV19, AAGY01, KKS⁺⁰⁸, LLPT10, XC05]. **discrete** [KZP10, PRP05, QZXP06]. **Discriminative** [QWZ⁺¹⁵]. **Discs** [FC91]. **discussions** [Luz12]. **Disentangled** [MLZ^{+22b}]. **Display** [Koi95]. **Displays** [HM90]. **Distant** [SHS⁺²³]. **Distantly** [LYLS22]. **Distillation** [CZX⁺¹⁹, LYLS22, ZCLC23]. **Distorted** [VB98]. **Distributed** [CH96, HEA90, KEL95, KBGW91, KNS04, CML00, DDH⁺⁰⁹, KM13, LL99, MRYGM01, RSG09]. **Distribution** [Cum14, DSZ⁺²³, HCC⁺¹⁷, LK20, WWN22]. **Distributions** [PSL16, SV99, XC13]. **Distrust** [FMSS14]. **divergence** [AV02]. **Diversification** [CRC⁺²², HY20, LYS⁺¹⁷, MSMO18, QDZW23]. **Diversified** [IYC⁺²³]. **Diversifying** [CRD16]. **Diversity** [QDZW23, RBCT14, SZ21, WZL⁺¹⁹, YLZW21, ZLW16]. **DNA** [KT05]. **Document** [ABB⁺¹⁵, CGB19, CFP95, CDZ⁺²³, CDM15, Cum14, CPL15, DMUN19, FB91, Kwo90, LR96, LCX⁺¹⁹, LPC⁺²³, LLZ⁺²¹, MPM22, MC14b, MPS23, MK16b, Na15, NB97, SGJ22, SF89, AOU12, Bod04, CSLN10, CFGM02, DM07, DEL⁺⁰⁰, HL10, KZSD99, KKB10, PRP05, WX10, YWYL08]. **Document-Ordered** [MPM22]. **Documents** [Bie92, BCPN14, Bul95, COR13, Dun97, GZC89, KLHK13, VST⁺¹⁴, LK20, STZ22, SMGM11, TSNS19, ZK20, CTM12, FCD02, KFS10, TG10]. **Does** [Fer17, IH07, MLK⁺¹⁸, VAJR22, WZL⁺¹⁹]. **Doing** [LCY21]. **Domain** [CZT⁺²³, LLN22, LHL23, LCL⁺²³, MLZ^{+22a}, MLK⁺¹⁸, VL90, WWN22, WLL^{+23b}, ZH17, CC03, GGMW03, HZG20, LMW⁺²¹, MPHS03, PTS13, WR98, YLS⁺¹¹, ZZL⁺²³]. **Domain-Specific** [VL90, CC03, YLS⁺¹¹]. **Domains** [HCC⁺¹⁶, SBM⁺¹⁷, IH07]. **Doubly** [Oos23]. **Drawing** [GTW⁺¹⁸, TM91]. **Drift** [SKC⁺¹²]. **Driven** [HCD⁺²³, FP00, LYZ⁺²³, PSPBY10]. **Drug** [ZWX⁺²³]. **Dual** [DSZ⁺²³, HCY⁺²⁰, XZZ⁺²², ZGF⁺²⁰]. **Dual-factor** [ZGF⁺²⁰]. **Duplicate** [CTH⁺¹³, JTL⁺¹⁷, CFGM02, HHC⁺¹⁰, LHSC11]. **durable** [GL05]. **During** [CHBS15, MK16a]. **Dynamic** [AZBC20, ASSC22, BR96, BFNP10, Can93, Cro06, FZH⁺²², HLC⁺²⁰, IYC⁺²³, LLN22, LRZ⁺¹⁷, WLFT18, WMZ⁺²¹, WHL⁺²², XZZ⁺²², YLZW21, ZRT91, ZCZ⁺²³, JBCF07, LLC03, MOT11]. **Dynamics** [NSK⁺²⁰, WH15, RSD⁺¹³]. **E-Commerce** [DLZ⁺²², GCR⁺²¹, ZLH⁺²²]. **E-Discovery** [OSV19]. **Early** [CC03, LW20]. **Earthquake** [ZZL⁺²¹]. **Edge** [YMZF22]. **Editing** [MRC⁺²³]. **Editor** [OOSC93, Zha21]. **Editor-in-Chief** [Zha21]. **Editorial** [All89, All91, All94, Cro89a, Cro91, FG93, LH94, MR92, MS93, Mar08a, Zha21]. **Editors** [VL90]. **Effect** [Dun97, FKS19, WAL⁺²¹, YTD13, CDR10]. **Effective** [CS16, KC15, LMDZ20, LYLS22, MCF⁺¹⁷, PPPR13, YLZW22, MWYL01, PMPJ11]. **Effectiveness** [JYM13, MBST17, SGJ22, TBC96, IH07, MZ08, SV99, XC00]. **Effects** [ABCZ21, AC16, AC19, CWL⁺²⁰, CFFK22, KFS10, Mar94, VHJC11, VAJR22, WMZ⁺²¹, ZXZL20]. **Efficiency** [HWD13]. **Efficient** [BC13, BC14, BA18, BCPN14,

BKGM⁺⁰², CZX⁺¹⁹, CZZ⁺²⁰, CJW⁺²¹, CTH⁺¹³, CM10, EKK00, FLW⁺²³, KZSD99, KZP10, KC15, Row96, SC19, TGL⁺⁹⁷, WZZ04, XLW⁺²², YHS⁺¹², ZGCC18, ZZL⁺²², ZWL⁺²³, HZW02, IYC⁺²³, KT05, PMPJ11, PZMRN05, SSCT09]. **Efficiently** [PV19]. **eFraudCom** [ZLH⁺²²]. **Electricity** [PR16]. **Electronic** [KM97, Mar94, RP98, HDPM08, Mar08a]. **Element** [WC21b, Cro06]. **Elias** [PV17]. **ELSA** [CGB19]. **eludes** [BVKS08]. **email** [CHS99, EBR08, ZKG08]. **Embedded** [Bul95]. **EmbeddedButtons** [Bie92]. **Embedding** [AZBC20, CZX⁺²², CGB⁺¹⁵, DHY⁺¹⁹, GYC⁺²², HCY⁺²⁰, LLM22, LL23, NLF⁺²⁰, WHL⁺²², XLW⁺²², YLYT23, ZSY⁺²¹, ZKMM23, ZWE⁺²², FLMD22, PTS13]. **Embedding-Based** [GYC⁺²², LL23]. **Embeddings** [CCVR17, LDW⁺¹⁷, MPS23, YE18, YDW22, ZY21]. **Emergency** [SSY⁺¹⁷]. **Emotion** [NSK⁺²⁰, QWZ⁺¹⁵, WLM⁺²¹]. **Emotion-aware** [WLM⁺²¹]. **Emotional** [QWZ⁺¹⁵, SLW⁺²⁰]. **empirical** [CZJ07]. **Employee** [WZW⁺²²]. **Employer** [LZW⁺²⁰]. **Emulators** [GR12]. **encapsulation** [ACM⁺⁰²]. **Encoder** [QDZW23, ZZY⁺²³, WLL^{+23b}]. **Encoding** [HQZ17, GL05]. **Encounters** [MJH15]. **Encryption** [KBD89]. **End** [CRC⁺²², MPT21, YLZW22]. **End-to-End** [MPT21, YLZW22, CRC⁺²²]. **Engagement** [NSVB18, TZP22]. **Engine** [JTS16, WLY⁺¹⁴, ZZL⁺²¹, EJ03, LOP⁺¹³, SC03, TS10]. **engineer** [HDPM08]. **Engineering** [TS10, XLW⁺²²]. **Engines** [DH97, RCR⁺²¹, AOU12, BBM⁺⁰⁸, FPSO06, PSPBY10]. **English** [ANW17]. **Enhanced** [AMS20, BR96, HML⁺²³, MLZ^{+22a}, QZX⁺²⁰, SQZ⁺²², YMZ⁺²², ZWF⁺²³]. **Enhances** [MNP^{+21a}]. **Enhancing** [AZCC21, DXL⁺²², LDW⁺¹⁷, LLX⁺²², LZLM19, LZW⁺²⁰, ZCD06, FSC07]. **enrich** [CDH⁺⁰⁹]. **Enriching** [KLHK13]. **enrichment** [SPS⁺⁰⁶]. **Ensemble** [EMS19, MPS23, ZWL⁺²²]. **Ensembles** [DLN⁺¹⁶]. **Enterprises** [CH96]. **Entities** [LMW⁺¹⁴, ZMK⁺²⁰]. **Entity** [CFC⁺¹⁹, LCL⁺¹⁷, LGQL19, LXG⁺²³, LL23, XZZ⁺²², YHS⁺¹², ZZT⁺²¹, BBD11, LCH07, PTS13]. **Entity-Linking** [CFC⁺¹⁹]. **Entropy** [MP20, GP00]. **enviroments** [ATW00]. **Environment** [AM89, JMSV92, KMKO92, LZ96, SS93, WL97, Cro06]. **Environments** [CFP95, Gul96, CC03, JBCF07, KM13]. **Envoy** [PYF⁺⁹²]. **equalizing** [TkWW99]. **Equivalent** [CZT⁺²³]. **equivalents** [PTKJ07]. **Error** [DM07, MPHS03]. **escalation** [WH09]. **Estimate** [LK20, Bod04]. **estimates** [SZ09]. **Estimating** [CZ93, MHR22]. **Estimation** [BF98, GRSD⁺¹⁶, LYN⁺²¹, LXLZ16, MTC21, Oos23, SKC⁺¹²]. **Evaluating** [ABW93, CML00, FKM⁺⁰⁵, GR12, HKTR04, JGP⁺⁰⁷, LCY21, MC94, WRJV05]. **Evaluation** [BCPN14, CS94, ERG⁺⁸⁹, FTZ11, FFM17, Fer17, Gru92, GR95, JMO22, JVA⁺¹⁵, JSZL23, Kon04, LMW⁺²¹, LL89, LMDZ20, LZW⁺²⁰, MMST17, MMCC⁺²¹, MMLP97, SZ21, STZ22, SLZ⁺¹⁹, TBC96, TC91, VSS17, VB98, ZGN⁺¹⁷, ZLF⁺²³, CJRY12, CL07, GMR09, JK02, JBCF07, KL06, LSOS06, LZW21]. **Evaluations** [FZSG21, KFS10]. **Event** [LLBS18, MSMO18, WWX⁺²³, ZCLC23, CCC09, LLPT10]. **Event-based** [LLBS18]. **Events** [LHG⁺¹², LXLZ16]. **every** [Gla04]. **Evidence** [MC14a, UCH03, Gla04]. **Evolution** [IM05, LXLZ16, Yan15, ZJT16]. **Evolutionary** [SCG⁺¹⁹, WMZ⁺²¹]. **Evolving** [JMSV92, WHL⁺²²]. **Examining** [KSVS16]. **Example** [YC94, TFS⁺¹²]. **Example-Based** [YC94]. **Examples** [KLHK13, BBD11]. **Exception** [SM95]. **Exceptions** [SM95]. **Exclusion** [CCVR17]. **expansion** [CdMRB01, GWR99].

Expectations [MBST17]. **Expected** [OSV19, CL03, DWLW09]. **Experience** [BBT92]. **Experiences** [DH97]. **Experimental** [WLY⁺14]. **Experiments** [Kwo90, MLF95, Car12, GMR09, IKG93]. **Expert** [ASV91]. **Expertise** [MLK⁺18]. **Experts** [PHK12, BM02]. **Explainable** [AZBC20, CCZ⁺19, MHLH23, WZW⁺22]. **Explaining** [KJA20, Mar94]. **Explanation** [Gul96, LMW⁺23, SWZ⁺22]. **Explanations** [LMW⁺23, TBCW20]. **Explicit** [EMG11, FMSS14, MSMO18, SZM⁺23]. **Exploiting** [CL18, FFM17, GGMW03, GNN⁺10, MKF91, QHLY20, QHCY22, TLS⁺22, TL14, WX10, WLT⁺22, ZZL⁺21, FPSO06, TLJ⁺07]. **Exploration** [JMD20, Lin07]. **Exploratory** [CS94, HYH15, HL17, LMW⁺14, MLK⁺18, RPE⁺18]. **explorer** [XC05]. **Exploring** [CCC⁺12, EBR08, LMZ23b, PHK12, SPKW11, WZW⁺19]. **Exposure** [MAP⁺22, XYW⁺23]. **Expressive** [KM97, SW94]. **Extended** [YWYL08, KL06]. **Extending** [DEL⁺00, GSR96]. **Extensible** [AM89, KL91]. **Extension** [BR96, GWR99]. **External** [CZX⁺19, NCZG14, NCHW15, TSNS19]. **Extra** [ACC18]. **Extra-Topical** [ACC18]. **Extraction** [CSJS10, JZ06, LYLS22, MKZPK18, PR16, RL94, SHS⁺23, SZM⁺23, WWX⁺23, MC10a, WX10]. **Extractive** [CLG⁺23, RCR⁺18]. **Eye** [Jac91].

facet [LWA08]. **Faceted** [MT21, NFZ19]. **Facility** [MK94]. **factoid** [CTM12, Lin07]. **Factor** [NFZ19, ZGF⁺20]. **Factorization** [CZZ⁺20, FMSS14, LJHL17, LZG⁺18, LPLH19, SZS17, WRLD22]. **Factors** [ACC18, FZSG21, HJZ⁺23]. **Fairness** [LFW23, WMZ⁺23, WMM⁺23]. **Fairness-Aware** [WMM⁺23]. **Fairness-centric** [LFW23]. **Fake** [AZK12, LPYM23, LW20]. **False** [MMCC⁺21]. **False-positive** [MMCC⁺21]. **family** [DWLW09]. **Fano** [PV17]. **Fast** [ABB⁺15, AL13, BC11, CJY23, DLA15, DLN⁺16, Man97, MZ96, NTV22, SNZBY00, WZB04, ZTM⁺17, CFGM02, HZW02, ZHC⁺13]. **Favorite** [GCL⁺21]. **Feature** [CWZ⁺20a, CXZ⁺21, CLM⁺22, HZF⁺23, HWN⁺19, SCG⁺19, XLW⁺22, ACS08]. **Feature-aware** [CXZ⁺21]. **Feature-Based** [CWZ⁺20a]. **Feature-Level** [CLM⁺22]. **Features** [LPY94, MAL16, ZYT⁺21, dODMS20, GBMS99, MSOH13]. **Federated** [IYC⁺23, LPYM23, LWH⁺23]. **Feedback** [DLA15, Dun97, LMZ⁺23a, LPLH19, MYHL11, MHZ16, MCL⁺12, NSVB18, Oos23, RK19, RRS95, VHJC11, WC21a, CRG02, CZJ07, JGP⁺07, WRJV05, ZCD06]. **Felicity** [KM97]. **Few** [LLG⁺23, LLZ⁺21, ZK20, GMR09]. **Few-shot** [LLG⁺23, LLZ⁺21]. **Fidelity** [HWD13]. **Field** [Ack98, PR16, QFZ⁺19]. **figure** [GWLC06]. **figure-of-merit** [GWLC06]. **figures** [BM12]. **File** [CZ93, Man97]. **Files** [LL89, LR96, MZ96, ZRT91, ADCU08, BB10, HDPM08]. **filter** [AL13, CL07]. **Filtering** [AARC20, CCCD19, CLPM20, CDM15, DHY⁺19, GXTL14, LCX⁺19, LLZ⁺21, LXG⁺23, MNZ19, MMLP97, NTV22, PYC⁺19, WHL⁺16, WRLD22, WLL⁺23a, XHW⁺19, YLYT23, ZLL⁺20, ZDW⁺22, DC10, HKTR04, Hof04, HCZ04, IH07, TKD09, WdVR08, ZKG08]. **Filters** [Row96]. **financial** [SC09]. **Finding** [Mar94, SBM⁺17, VB98, UCH03]. **Fine** [CSR⁺20, CL18, CL19]. **Fine-Grained** [CSR⁺20, CL18, CL19]. **Finite** [CCVR17]. **First** [GCF⁺22]. **First-Stage** [GCF⁺22]. **Físchlár** [LSOS06]. **Físchlár-News** [LSOS06]. **Fish** [ABW93]. **Fit** [FC17, QZX⁺20, IH07]. **FITE** [PTKJ07]. **Flexible** [DC92, HM90, Tom89, ZTM⁺17, BJS99, SNZBY00]. **Flow** [LLM22]. **Flow-Based** [LLM22]. **FNED** [LW20].

Focused [FAZC12, ACM+02]. **Follow** [CLG+23]. **Footprint** [WRLD22]. **Footprints** [GZW+18]. **Force** [SHS+23]. **Force-Directed** [SHS+23]. **Forest** [IC16]. **Forgetting** [HLC+20]. **Form** [AARC20, HEA90, BKGM+02]. **Formal** [Gru92, AF07, GFWK04]. **formalisms** [GBMS99]. **formalization** [SM99]. **Formative** [ERG+89]. **Formulae** [SMGM11]. **Formulation** [CFFK22, MC14a]. **Forums** [NZW+14, ACS08]. **Forward** [DLA15]. **Fractal** [BF98, Koi95]. **Fractal-Based** [Koi95]. **Frames** [OG94]. **Framework** [BHH+16, BA18, CML+21, CGB+15, DXZ+22, DGMG23, DZX+23, DC92, GCL+21, GR12, HLNS98, LCJ+16, LYLS22, LLX+22, LPYM23, LCNY23, MTKY92, MHZ16, MCL+12, PYF+92, SZL23, VL90, WLL+23a, WMM+23, YDXW21, ZWRL19, ZCZ+23, ZGCC18, CL06, CCC09, DWLW09, DDH+09, EKK99, KL00, MR10, SSCT09, XC05]. **Fraud** [ZLH+22, ZWL+22]. **free** [MC10a]. **Frequency** [PR16, PTKJ07, HO07, SV99]. **Frequency-based** [PTKJ07]. **Frequent** [BCFG15, CGB19]. **Frequently** [HY20]. **full** [Leh06, MRYGM01]. **full-text** [Leh06, MRYGM01]. **function** [CRG02, CBZ11]. **functional** [WSBC01, BSV09]. **Functions** [Coh97, FCDH91, Fuh99, IC16]. **Funnelling** [EMS19, MPS23]. **Further** [GTW+18]. **Fusing** [LYN+21]. **Fusion** [APCC15, AK18, ZWZ+22]. **Future** [CDW+23, Ols89, ZZL+23, ZLL+22]. **fuzzy** [BC13].

Gain [DGMG23, JK02, KL06]. **Gain-based** [DGMG23, JK02]. **Game** [MHR22]. **Games** [ZWT+23]. **Gap** [AMS20, WTS+08]. **garbling** [DM07]. **Garden** [Ack98]. **Gated** [XZZ+22]. **Gaussian** [LBC+19]. **GCN** [MHLH23]. **GDESA** [QDZW23]. **General** [AFF+19, CGB+15, DXZ+22, Gul96, HJZ+23, JTL+17, MTKY92, YE18, ZYL+15, ZWT+23, CW02]. **General-Purpose** [AFF+19, YE18, CW02]. **generalization** [CL03]. **Generalized** [MPS23]. **Generate** [ZSN+22]. **Generated** [DGMG23]. **Generating** [CLG+23, LCL+23]. **Generation** [BC14, DLZ+22, GCR+21, RCR+21, SZL23, SLW+20, SWZ+22, ZGF+20, ZGC+22, ZCZ+23, AL13, CC05, RBV09]. **Generative** [LMW+21, TQN+23]. **Generator** [LYZ+23]. **Generic** [LLX+22, LPYM23]. **genomic** [Wil05]. **Genre** [YHYO01]. **Geographic** [HY20]. **Geographical** [LZG+18]. **Geolocation** [CL18, CL19]. **geometrical** [CHS99]. **geometry** [HZSL13]. **GeoMF** [LZG+18]. **Geoparsing** [MK16a, MKZPK18]. **Georeferencing** [VST+14]. **Geosemantics** [MK16a]. **Geospatial** [TGS16]. **Geotagging** [MKZPK18]. **Gerard** [Ano96b]. **Get** [Jac91]. **Getting** [CR92]. **Global** [CH96, WNS+17, ZLWW22, CRNZ+03]. **GMRES** [WW10]. **GNN** [TQN+23]. **GNN-based** [TQN+23]. **goal** [DZX+23]. **good** [GMR09]. **Goods** [WLZW21]. **Google** [WW10]. **Gould** [Gru92]. **GPS** [WZC+17]. **Gradient** [ZWX+23]. **Grained** [CSR+20, CL18, CL19]. **Gram** [PV19]. **Grammar** [BBT92]. **Grammar-Defined** [BBT92]. **Grammars** [BK90, RS93]. **Grams** [Coh97, SHN17]. **granularity** [YLS+11]. **Graph** [APCC15, BLH+22, CQF+23, CSR+20, DXZ+22, FLW+23, GLL+23, HRY+22a, HRY+22b, HML+23, LLN22, LHL23, LMMO23, LXG+23, MHLH23, MAP+22, PCC+22, PCCC22, PBS22, PZD+22, PL94, QHLY20, SHS+23, TLS+22, WWX+23, WZW+19, WL22, WLL+23a, XZZ+22, XZH+22, YHS+21, YMZ+22, YLYT23, YHS+12, ZSY+21, ZLH+22, ZCZW22,

ZWZ⁺22, ZLY⁺22, ZZY⁺23, ZDW⁺22, ZXZL23, ZWC⁺23, HHC⁺10, LWSA10, MC10b, PH07, ZHD⁺22]. **Graph-Based** [APCC15, BLH⁺22, MAP⁺22, ZSY⁺21, ZCZW22, ZZY⁺23]. **Graph-guided** [ZLY⁺22]. **Graph-Regularized** [CSR⁺20]. **graph-walk-based** [MC10b]. **GraphHINGE** [JDZ⁺22]. **Graphical** [VL90, CDF01]. **Graphs** [YMZF22]. **GRAS** [PMPJ11]. **Greedy** [LCL⁺17, QDZW23]. **Greene** [Gru92]. **Grounded** [ZKJW22]. **Grouping** [MK16a]. **Group** [ASV91, CSB21, GYC⁺22, LMZ23b, OOSC93, TLS⁺22, TkWW99]. **Groups** [LM90, CSJS10]. **Groupwork** [OOSC93]. **Grudin** [Wie92]. **Guest** [LH94, MS93]. **Guided** [LCX⁺19, MLZ⁺22b, PZD⁺22, WLM⁺21, ZLY⁺22]. **GVoS** [JTL⁺17].

HAL [YWYL08]. **Hand** [SZ93]. **handheld** [BKGM⁺02]. **Handling** [Mye90, PV19, SM95, Owe02]. **Happy** [Mar94]. **Harp** [LL99]. **Harvesting** [SMN⁺16]. **Hash** [FCDH91]. **Hashing** [CJN20, Coh97, ZYL⁺22, ZWL⁺23, ZHC⁺13]. **HDM** [GPS93]. **heavily** [LHSC11]. **Help** [CE89, VAJR22, Bod04]. **Heterogeneous** [CQF⁺23, CLPM20, EMS19, FZH⁺22, GLL⁺23, HCC⁺16, JDZ⁺22, MPS23, PYC⁺19, SSY⁺17, TLKW16, WZZ⁺23, WWN22, YHS⁺21, ZWZ⁺22, ATW00, CGMP99, Leh06]. **HGAT** [YHS⁺21]. **hidden** [GIS03, IG08, JZ06]. **hidden-web** [IG08, GIS03]. **Hierarchical** [CSR⁺20, CZX⁺22, CS94, GYC⁺22, LYZ⁺23, LWH⁺23, WWX⁺23, ZZD⁺20, ZY21, ZWL⁺22, ZCLX22, BFF⁺03, GGMW03]. **Hierarchies** [BRS92, LM90]. **Hierarchy** [Yan15, ZHL⁺22]. **Hierarchy-based** [ZHL⁺22]. **High** [BS12, DC92, FC91, LJHL17, OS96, RL94, WZW⁺19, YMZF22, ZK20, HZSL13]. **High-Level** [DC92, OS96]. **High-Order** [LJHL17, WZW⁺19, HZSL13].

High-performance [BS12]. **High-Precision** [RL94]. **High-Quality** [YMZF22]. **High-recall** [ZK20]. **highly** [KM13, MWYL01]. **Hilbert** [CCVR17]. **Historical** [CJY23, TP05, FPSO06]. **History** [LLT⁺21]. **HMM** [CCC09]. **HMM-based** [CCC09]. **Hoc** [DLA22, CGM05, KL09]. **Holistic** [MNP⁺21b]. **Home** [Ols89, UCH03]. **Human** [All91, BHH⁺16, Jac91, NFZ19, SSY⁺17, SZ93, Wil98, YXL⁺23, ZZZ⁺16, GKL⁺07]. **Human-Computer** [Jac91, SZ93]. **HYB** [BC11]. **Hybrid** [AK18, CML⁺21, HJZ⁺23]. **Hyper** [HCY⁺20, HO07, SM99]. **Hyper-Network** [HCY⁺20]. **hyper-object** [SM99]. **hyper-parameters** [HO07]. **Hyperbolic** [WLT⁺22]. **Hyperdocuments** [SFR98]. **Hyperedge** [GYC⁺22]. **Hyperform** [WL97]. **Hypergraph** [CXZ⁺21, WS90]. **Hypergraph-based** [WS90]. **Hypergraphs** [WLL⁺23b]. **hyperlinks** [KL10, LS02]. **Hypermedia** [Bul95, HLNS98, LZ96, MC94, SLHS93, UY89, WL97, ATW00, BHMW07, dOTM01]. **HyperSoRec** [WLT⁺22]. **Hyperspherical** [FLMD22]. **Hypertext** [CE89, GPS93, KL91, Rad92, STSM95, SF89, Tom89, WR98]. **Hypertext-Based** [CE89]. **Hypertexts** [BRS92].

ICF [CLM⁺22]. **identification** [AC08, PTKJ07, SSCT09]. **Identify** [PHK12]. **Identifying** [BRS92, MJH15, SMGM11]. **identity** [AC08]. **identity-level** [AC08]. **IDF** [SHN17, WLWK08]. **IF** [CDR21]. **Image** [CLZ⁺14, GR95, NWZC12, SLZ⁺19, VB98, WZL⁺19, CZJ07, EKK99, EKK00, HJZL09, KKS⁺08, TMT06, XLW⁺22, ZCD06, ZRZ02]. **Images** [CCZ⁺19, GR96, dODMS20]. **Impact** [BACF17, CST⁺23, MTC21, RABC22, EJ03, SV99, TkWW99]. **Impacts** [JYM13]. **imperfect** [Owe02].

Implementation[CW94, KEL95, TGL⁺97, WW94].**Implementing** [DC92]. **Implicit**[CMZ⁺23, DYL⁺20, LZLM19, NSVB18, SZM⁺23, FKM⁺05, JGP⁺07, WRJV05].**Importance** [LYN⁺21]. **Imprecise** [Mor90].**Improve**[HL17, HCC⁺16, FKM⁺05, LLC03].**Improved** [BBMN⁺08, CCVR17, CPL15, FMSS14, CDH⁺09]. **Improvement** [GS91].**Improves** [VAJR21]. **Improving**[CRG02, DYL⁺20, ES13, HCC⁺17, MZLK11, MRC⁺23, MC10b, RBCT14, XC00, PPGK04]. **in-memory** [TS10]. **Incomplete**[KC95]. **Inconsistencies** [Coo95].**Incorporating**[ASST05, MZLK11, MBST17, WZC⁺17].**Incremental**

[ADCU08, Can93, SM99, PSPBY10, TM10].

indefinite [WMZ10]. **Independence**[DLA22]. **independent** [TFS⁺12, UCH03].**Index** [Ano93, Ano96a, Ano97, BC14, Cro98, DLA15, TM20, AOU12, BC11, MRYGM01].**Index-Based** [BC14]. **Indexes**[MPM22, PV17, BS12, FBN⁺12, WZB04].**Indexing**[FB91, HCC14, MZ96, STSM95, SMGM11, WXL13, ZNL⁺17, CM10, EKK00, HSS⁺09, KO98, QZXP06, TKD09, TMT06]. **Indices**[PR16]. **Induced** [NCHW15, KL10].**Inductive** [CQF⁺23, FP94, ZYY⁺21].**Industry** [HE91]. **Infer** [TLKW16].**Inference** [Cum14, HGBY16, KJA20, LHH⁺19, LYZ⁺23, TC91, WY95, ZYW⁺23, ZZZ⁺16, TL03]. **Inferior** [RK19]. **Inferring**[GZW⁺18, LRZ⁺17]. **Influence**[GRSD⁺16, JMZ22, LLBS18, NGMD17, VFA17, WLFT18]. **Influences** [CACW23].**Influencing** [ACC18]. **Influential**[FZSG21]. **Inform** [TBCW20].**Information** [AM89, AMS20, APCC15, All89, Ano94a, APJL20, ACC18, BVKS08, BK90, CE89, Can93, CCC⁺12, CJY23, CWL⁺20, CHBS15, Coo95, CV98, Cro89b,CPL15, DGMG23, EMG11, FTZ11, FZH⁺22, FMSS14, FCDH91, FEL22, FAZC12, FP94, FR97, JMSV92, JVA⁺15, JDZ⁺22, JSHS96, KMPS21, Koi95, KC95, KC92, Kwo90, Kwo95, LCJ⁺16, LPC⁺23, LZM⁺19, LWH⁺23, LMMO23, LZ96, MZLK11, MMST17, MKF91, MH89, Mor90, MMLP97, MBJK90, Na15, OS96, OG94, PBJ⁺16, PR04, PSL16, QHLY20, QHCY22, RABC22, RRS95, RL94, RN96, RP98, Row96, Ruh94, RS97, SL95, SM95, SZM⁺23, TY22, TLS⁺22, THT12, TKD09, TL14, VKD21, VdRK18, VSS17, WW94, WY95, YMZ⁺22, YTD13, ZHY14, ZK20, dR19, ASST05, AV02, BCD⁺08, BBMN⁺08, BDS04, CML00, CRNZ⁺03, CdMRB01, Car12, CGMP99, Coh00, CGM02, FG04, GBMS99, HT99].**information** [HO07, HZSL13, KMdRS06,KKS⁺08, KNS04, KO98, KL09, LBS08, LA08, MR10, MC10a, Mel08, MC10b,Owe02, PMPJ11, PPGK04, PH07, PGD07, PSDB99, SS08, TLJ⁺07, Wil05, WSBC01,XC00, YLS⁺11, ZL04].**Information-Seeking** [VKD21].**information-theoretic** [CdMRB01, MR10].**Informative** [HCC⁺16, LCL⁺23].**Ingredients** [FEL22]. **Inhibition** [AC19].**Initiative** [VKD21, KKS⁺08]. **Innovation**[WBP⁺16]. **Input**[CMR91, KMKO92, Mye90]. **Insights**[GTW⁺18]. **Instability** [LMZ20]. **Install**[ZWL⁺22]. **Integrated** [BA18].**Integrating** [ASV91, CHS99, CDZ⁺23, CSB21, FC17, MHZ16]. **Integration** [Bul95,

FR97, HE91, IKG93, Coh00, GBMS99].

Intelligent [HZG20, MMLP97, SQZ⁺22,SSGC89, GBMS99, Owe02]. **Intent**[RPE⁺18, SYX⁺17, ZCLX22, LWSA10].**Intention** [WMZ⁺21]. **Intentions**[CDR21, XZY21]. **Inter** [HE91, KKB10].**inter-document** [KKB10].**Inter-Organization** [HE91]. **inter-passage**[KKB10]. **Interaction** [All91, CDZ⁺23, Jac91, JVA⁺15, JDZ⁺22, MLK⁺18, MTC21,

SZ93, ZWZ⁺²², ZWX⁺²³, CC03].
Interaction-aware [ZWX⁺²³].
Interactions [HYH15, SZM⁺²³, ZLWW22, ZAK⁺²³, GKL⁺⁰⁷]. **Interactive** [HM90, LMW⁺¹⁴, RPE⁺¹⁸, WC21a, WBB⁺⁹⁰, XTF⁺²¹, MLDGH04, ZFL⁺⁰⁷, CL06].
interchange [GBMS99]. **Interdependence** [HE91]. **Interest** [AC18, AK18, LJHL17, MPS07, RABC22, YCZ⁺¹⁶, CRC⁺²²].
Interest-based [MPS07]. **Interesting** [ZHD⁺²²]. **Interests** [GZW⁺¹⁸, LRZ⁺¹⁷].
Interface [Gru92, HSH90, HM90, MR92, PCD92, PSDB99, SS93, TM91, Wie92].
Interfaces [CS94, DC92, KN93, SE91].
Interleaved [HWD13, CJRY12].
Interleaving [CSZD15]. **Intermediary** [SSGC89]. **Internet** [CDR21, LLC03].
interoperability [PR04]. **Interpersonal** [IKG93]. **Interpretable** [LLZ⁺²²].
Interpreting [WLWK08]. **intersection** [CM10]. **Intervals** [Web13]. **Interview** [SQZ⁺²²]. **Intrinsic** [RBCT14].
Introduction [BYFM06, BCD⁺⁰⁸, Cro89a, HKS⁺²¹, HRY^{+22a}, HRY^{+22b}, Kli94, Kon04, SL95, WLS⁺¹⁷, Wil05, YSXX23].
invariants [PH07]. **Inverted** [KNCLO17, MZ96, TM20, ADCU08, BB10, CM10].
Investigating [SGJ22, TBCW20].
Investigation [RJB89, RS93, CZJ07]. **IR** [Fuh99, GP00, JK02, TCMC21]. **Isometric** [CCVR17]. **Issue** [BKWZ15, Cro89a, HKS⁺²¹, HRY^{+22a}, HZF⁺²³, Kli94, PBJ⁺¹⁶, SL95, WLS⁺¹⁷, YSXX23, BYFM06, LdJKR12]. **Issues** [LL89, BSST03, MPHS03]. **Item** [CWZ^{+20b}, DK04, DSZ⁺²³, LWP⁺²¹, WMZ⁺²¹, WLT⁺²², WQL⁺¹⁹, XZY21, XHW⁺¹⁹, YCS⁺¹⁴, ZLL⁺²⁰, ZCLX22].
Item-based [DK04, XHW⁺¹⁹]. **Items** [CWZ^{+20a}, HCC⁺¹⁷, LLW⁺²¹, LFW23].
Itemsets [BCFG15, CGB19]. **Iterative** [XZZ⁺²², ZWMH19]. **iVIBRATE** [CL06].
January [Mar07]. **Job** [QZX⁺²⁰, SQZ⁺²²].

Join [BF98]. **joins** [Coh00]. **Joint** [BLWJ15, CCCD19, LZG⁺¹⁸, LLBS18, NLF⁺²⁰, SQZ⁺²², XLW⁺²², YLZW22, YCZ⁺¹⁶, PTS13]. **Jointly** [CHN⁺¹⁷, MLZ⁺²⁰, OSV19, YSZ⁺¹⁷, ZLL⁺²²]. **Judge** [ZZH⁺¹⁸]. **Judgments** [GTW⁺¹⁸, SWL⁺²³, Wil98]. **Judicious** [ZNL⁺¹⁷]. **June** [Mar08b]. **Justification** [WAL⁺²¹].

Kabiria [CFP95]. **Keeping** [AARC20, BCD⁺⁰⁸]. **Key** [LPC⁺²³].
keyblock [ZRZ02]. **keyblock-based** [ZRZ02]. **keyphrase** [WX10]. **keys** [HZW02]. **Keyword** [ZGCC18]. **Keywords** [YDW22]. **Kinematics** [CV98]. **KINET** [CGB⁺¹⁵]. **Know** [SGJ22]. **Knowledge** [AMS20, ACM⁺⁰², BWS⁺¹⁷, CFP95, CZX⁺¹⁹, CACW23, CGB⁺¹⁵, CSZ⁺²², DXL⁺²², HQZ17, HLC⁺²⁰, LHL23, MHLH23, MLZ^{+22b}, MBJK90, Ruh94, SSGC89, SSY⁺¹⁷, TSNS19, Tuz95, WZW⁺¹⁹, Wil98, Won94, WWN22, ZWMH19, ZMK⁺²⁰, ZKMM23, ZWF⁺²³, ZWC⁺²³, ZCLC23, ZH17, DDH⁺⁰⁹, WX10, XC05, YHYO01].
Knowledge-Aware [MHLH23, DXL⁺²²].
Knowledge-Based [CFP95, SSGC89, Tuz95, Won94].
Knowledge-Enhanced [AMS20, ZWF⁺²³].
Knowledge-Guided [MLZ^{+22b}]. **Korean** [ANW17]. **KR** [MHLH23]. **KR-GCN** [MHLH23].

Label [ES13, WL22, ZZD⁺²⁰]. **Labeling** [AZK12]. **Lake** [AARC20]. **Language** [AAL⁺²⁰, ANW17, CJY23, CPL15, GR96, JSHS96, KJA20, LMZ^{+23a}, MK16b, TL14, Tuz95, ZHW⁺²², ZGC⁺²², Coh00, ES98, FBN⁺¹², FG04, KL09, KL10, Owe02, TLJ⁺⁰⁷, TFS⁺¹², XHY09, ZL04].
language-dependent [TFS⁺¹²].
language-independent [TFS⁺¹²].
Languages [SW94, ACS08, KMdRS06].
Large [CJRY12, CS94, CTH⁺¹³, Gla97,

KC15, LMDZ20, MP20, NLF⁺20, SC19, VKD21, VFA17, VB98, WXLC13, ZTM⁺17, BC13, BJL⁺07, CW02, CL06, EKK00, SSCT09, YKHW06]. **Large-Alphabet** [MP20]. **Large-Scale** [CTH⁺13, LMDZ20, NLF⁺20, SC19, VFA17, WXLC13, CJRY12, VKD21]. **Last** [ZK20]. **late** [GL05]. **Latency** [BACF17, TM20]. **Latent** [BLWJ15, CGB19, Hof04, LHH⁺19, LLBS18, QWZ⁺15, WXLC13, KO98, PR09]. **Latinne** [EMS21]. **lattice** [CSLN10]. **lattice-based** [CSLN10]. **Law** [PSL16, ZDW⁺22]. **Layers** [ZSY⁺21]. **LBSNs** [LMZ23b]. **LCARS** [YCS⁺14]. **LDA** [ZHD⁺22]. **LDA-based** [ZHD⁺22]. **Leadership** [CSB21]. **Leakage** [JSZL23, XYW⁺23]. **Lean** [Ruh94]. **Learn** [HSYX22]. **Learned** [PCD92]. **Learning** [AMS20, AAL⁺20, AYWM21, ADW94, CZZ⁺17, CSR⁺20, CGB⁺15, CSZ⁺22, DXZ⁺22, DZX⁺23, DMUN19, DSZ⁺23, EMS19, FZSG21, FZH⁺22, FC17, FB91, FP94, GCL⁺21, GYC⁺22, HLL⁺17, HCC⁺16, HLC⁺20, HSYX22, IC16, ISW92, JMZ22, JDZ⁺22, LWSA10, LCNY23, MC94, MLZ⁺20, MCL⁺12, MPS23, MLZ⁺22b, NZW⁺14, NLF⁺20, Oos23, PCC⁺22, PS05, QLNY19, RSD⁺13, RYC⁺20, RZCG⁺10, SC19, SHS⁺23, SQZ⁺22, SSY⁺17, SCG⁺19, SZM⁺23, TSNS19, TLKW16, UA22, WNS⁺17, WC21a, WQL⁺19, XLW⁺22, YW15, YLZW21, YLZW22, YE18, YDXW21, ZZT⁺21, ZWRL19, ZYY⁺21, ZLL⁺22, ZCZW22, ZWF⁺23, ZBYH23, ZZH⁺18, ZHC⁺20, ZCLX22, ZHRK23, AAGY01, CL03, CS99, HJZL09, LCH07, LLG⁺23, MSOH13, SZC⁺23, SC03, GWLC06]. **Learning-Based** [SC19, YDXW21, ZZT⁺21]. **Learning-to-Rank** [IC16]. **legacy** [LL99]. **Legal** [SWL⁺23, YMZ⁺22]. **LegalGNN** [YMZ⁺22]. **Length** [Na15]. **Lessons** [PCD92, LWA08]. **Level** [CLM⁺22, DC92, OS96, XZY21, AC08, ZYW⁺23]. **Levels** [ZZH⁺18]. **Leveraging** [BACF17, CCZ⁺19, FAZC12, ZSN⁺22]. **Lexical** [KC92, PPGK04]. **libraries** [GFWK04, LL99, SNS⁺05]. **Library** [EGL⁺97]. **lies** [PR04]. **Life** [Mar94, CCC09]. **Lifestyle** [ZZZ⁺16]. **Lifestyle-Based** [ZZZ⁺16]. **Lifetime** [ZWT⁺23]. **Lightweight** [YLZW22, ZCLC23, BFNP10]. **likelihood** [KT05]. **Limited** [ZAL⁺16]. **linear** [Non13]. **linear-time** [Non13]. **Lingual** [EMS19, JTS16, MPS23, XZZ⁺22, GNN⁺10]. **linguistic** [CHS99]. **Link** [CP13, SG14, YMZF22, ZMK⁺20, CRNZ⁺03, LM01]. **Link-Based** [YMZF22]. **link-structure** [LM01]. **Linking** [CFC⁺19, LCL⁺17, LGQL19]. **Links** [ZHC⁺20, KL10]. **Lists** [ABCZ21, SKC16]. **Listwise** [IC16, WHL⁺16]. **LkeRec** [YLZW22]. **load** [PSPBY10, PSPBY10]. **Load-driven** [PSPBY10]. **Local** [CRNZ⁺03, CWZ⁺20a, LPC⁺23, LJQY19, Row96, SZS17, WNS⁺17, ZLWW22, XC00]. **Locality** [dMdSsdA⁺08]. **Locality-Based** [dMdSsdA⁺08]. **Localization** [CTH⁺13]. **Localized** [WLL⁺23a]. **Locating** [ZK20]. **Location** [CS16, LZG⁺18, MKZPK18, MPT21, WLFT18, WHFG92, YE18]. **Location-Aware** [CS16, WLFT18]. **Log** [JTS16]. **Logic** [Tuz95]. **Logical** [BSST03, ISL95]. **Logical/Physical** [ISL95]. **Logs** [LHG⁺12, BJL⁺07, GNN⁺10, LOP⁺13, WNZ02]. **Long** [GCN⁺19, LPC⁺23, ZLF⁺17, TZP22]. **Look** [Jac91]. **Loose** [WC21b]. **Low** [LJQY19, SZZL23]. **Low-rank** [LJQY19]. **Low-Resource** [SZZL23]. **Machine** [LPY94, TL14, WLM⁺21]. **Machine-Readable** [LPY94]. **Machines** [LPLH19]. **Magnitudes** [MMST17]. **Mail** [RP98]. **Make** [CR92]. **Making** [EGL⁺97, OG94, Won94, BDS04, WLWK08]. **Management** [AM89, HEA90, LAL⁺17,

WLZW21, ZHZ⁺19, BBMN⁺08, BVKS08, BJS99, DEL⁺00, Mar08a, MC10b]. **managing** [HDPM08]. **Manipulation** [HSH90, PL94]. **manuscript** [Mar08a]. **Mapping** [YC94]. **Market** [LCJ⁺16, SC09, WMJ05]. **market-based** [WMJ05]. **Markets** [GGRF23]. **Markov** [JZ06, YGZ15]. **Marks** [LPYM23]. **Massive** [PGW⁺17, PV19, CC03]. **Match** [SW90, VB98]. **Matching** [AARC20, DXZ⁺22, KJA20, MKF91, MJH15, MH89, MPT21, ZLF⁺17, CKC07, LCH07]. **matrices** [GCT99]. **Matrix** [CZZ⁺20, FMSS14, LZG⁺18, LJQY19, SZS17, KO98]. **Matters** [LLT⁺21]. **maximal** [GWLC06]. **Maximization** [GRSD⁺16, VFA17, WLFT18]. **maximizing** [CL03]. **Maximum** [CZZ⁺17, GP00, KT05]. **May** [Mar07, Mar08b]. **Me** [YHY⁺17]. **Meal** [YHY⁺17]. **Meaningful** [GCR⁺21, ZFL⁺07]. **means** [BGQT07]. **measure** [WMZ10]. **Measurement** [BA18, GR12, MBST17, MZ08]. **Measures** [FFM17, Fer17, RJB89, SZ21, FKM⁺05, KL06]. **Measuring** [LXLZ16, TL03, AV02]. **mechanical** [HDPM08]. **Mechanism** [CST⁺23, HCY⁺20, ZYW⁺23, BJS99]. **Media** [VST⁺14, LW20, LBC⁺19, MK16a, MKZPK18, PBJ⁺16, WZC⁺17, ZLL⁺22, ZY21, CDR10, GC92]. **mediated** [LWA08]. **Medical** [AZK12, Luz12, WH09]. **Medication** [BLH⁺22]. **Medicine** [ZWF⁺23]. **Medium** [ACC18, Mar94]. **Meet** [ZAK⁺23]. **meetings** [Luz12]. **Meets** [ZLW16]. **MEGA** [CL03]. **MEGCF** [LXG⁺23]. **Memoriam** [Ano96b]. **Memory** [Ack98, AC19, NCZG14, NCHW15, ZHZ⁺19, EBR08, TS10]. **Memory-Augmented** [ZHZ⁺19]. **Mental** [TBCW20]. **merge** [SC03]. **MergeDTS** [LMDZ20]. **merging** [SZ09]. **merit** [GWLC06]. **merits** [Mar08a]. **Message** [KM97, Zha21]. **Meta** [BHH⁺16, CSZ⁺22, KMPS21, LLG⁺23, LZW21, SZC⁺23, SS08]. **Meta-evaluation** [LZW21]. **Meta-Framework** [BHH⁺16]. **Meta-Information** [KMPS21]. **Meta-Learning** [CSZ⁺22, LLG⁺23, SZC⁺23]. **metadata** [RBV09]. **Metagraphs** [FZH⁺22]. **Metasearch** [DH97, MWYL01]. **Method** [EMS19, HYZ⁺23, Koi95, LMDZ20, LGQL19, SZ93, YC94, ZZD⁺20, FSC07, MWYL01, PRP05, PH07, QZXP06, SC03]. **Methodologies** [SLZ⁺19]. **methodology** [FCD02, SNS⁺05]. **Methods** [APCC15, AK18, CSZD15, DLA15, GCC12, HT99, HWD13, MC94, WWHX23, ZZL⁺23, CS99, SS08, TFS⁺12, ZL04, dMdSsdA⁺08]. **Metric** [CCVR17, ES98, LMW⁺21, PLR⁺22, ARSZ03]. **Metric-Aware** [PLR⁺22]. **Metrics** [BRS92, LZW21, MMCC⁺21, Pal15]. **MFoM** [GWLC06]. **Microblog** [ZNL⁺17, ZHC⁺20]. **Microblogging** [MCF⁺17]. **Microtask** [WNWL⁺21]. **MiDTD** [LYLS22]. **Minimal** [FCDH91]. **Minimizing** [OSV19]. **Minimum** [Yan15]. **Mining** [AARC20, HL17, HZSL13, HHC⁺10, KLHK13, WLS⁺17, WC21b, YHS⁺12, ZH17, LCH07, LCL04, WZZ04]. **Misidentified** [Coo95]. **Misinformation** [ZAL⁺16]. **Mitigating** [LFW23, MAP⁺22]. **Mixed** [KKS⁺08, VKD21]. **Mixed-initiative** [KKS⁺08]. **MLI** [ZYW⁺23]. **MMALFM** [CCZ⁺19]. **Mneme** [Mos90]. **Mobile** [AZCC21, AK18, BWS⁺17, DCT⁺17, Guy18, HYH15, HL17, LAL⁺17, TZP22, TZP23, USN⁺17, WLS⁺17, WLG⁺17, WDG17, YSZ⁺17, YZW⁺17, ZML⁺19, ZWL⁺22]. **Mobility** [SSY⁺17]. **modal** [CJN20, LXZ⁺22, XLW⁺22, ZBYH23, ZZL⁺22, ZWL⁺23]. **Modality** [GCL⁺21]. **mode** [HJZL09]. **Model** [AZBC20, CZZ⁺17, CJY23, CH96, CDM15, CPL15, FCL⁺23, FP00, GPS93, KMKO92, LCX⁺19, LLM22, LXW⁺17, LLZ⁺21, MO12, MMLP97, Mye90, NB97, PL94, RN96, SFR98, SWZ⁺22, TBC96, Tom89, TC91,

WS90, XZH⁺22, YGZ15, ZWMH19, ZGF⁺20, ZMK⁺20, ZZZ⁺16, ZHD⁺22, ZML⁺19, ZWL⁺22, ZCLX22, AF07, BFF⁺03, GFWK04, LLPT10, PZMRN05, RR98, SS08, TKD09, XHYY09, YLS⁺11, dOTM01]. **Model-Assisted** [CH96]. **Model-Based** [TBC96]. **Model-driven** [FP00]. **Modeling** [BHH⁺16, BLWJ15, BKR97, CHN⁺17, CML⁺21, Coo95, DLZ⁺22, DCT⁺17, DHY⁺19, GCH⁺19, Gul96, DGN⁺19, HRY⁺22a, HRY⁺22b, ISL95, LDW⁺17, LZG⁺18, LLBS18, LZLM19, LWH⁺23, RPE⁺18, SLHS93, SG14, WXLC13, WHL⁺22, WA22, WY95, XZY21, XC13, YGZ15, YSZ⁺17, YE18, YCZ⁺16, ZLWW22, ZHY14, ZXZL23, ZH17, BBD11, PGD07, RSD⁺13]. **Modelling** [ZXZL20]. **Models** [CWZ⁺20b, CWZ⁺20a, Cum14, DLA22, DL16, FTZ11, GCF⁺22, JDZ⁺22, LMZ⁺23a, LZW⁺20, MNP⁺21b, PARS22, QWZ⁺15, RBM23, SQZ⁺22, TBCW20, WRLD22, WZG⁺23, ZHW⁺22, AV02, Bod04, CKC07, GP00, Hof04, JZ06, KSNM10, KL09, KL10, LA08, MSOH13, RZCG⁺10, WdVR08, WRJV05, ZL04]. **modes** [IH07]. **modular** [TMT06]. **Monitoring** [CTH⁺13]. **Monitors** [GH96]. **Monte** [LCL⁺17]. **Morphological** [CMR91, CGB⁺15]. **Motion** [DG95]. **Mouse** [APJL20]. **Movements** [Jac91]. **Movie** [KEL95, ZSN⁺22]. **MR** [SGLS93]. **MUADDIB** [RSG09]. **Multi** [CRC⁺22, CJY23, DLZ⁺22, DZX⁺23, GCL⁺21, GC92, HYZ⁺23, HJZ⁺23, JDA⁺22, LLT⁺21, LXZ⁺22, LMZ23b, LYN⁺21, LGQL19, LPLH19, MAP⁺22, PBS22, PZD⁺22, QFZ⁺19, SCG⁺19, SZM⁺23, WWX⁺23, WMM⁺23, XTF⁺21, YLZW21, ZWRL19, ZZD⁺20, ZLL⁺22, ZWZ⁺22, ZWF⁺23, ZYW⁺23, ZCZ⁺23, ZDW⁺22, ZZL⁺22, HL10]. **Multi-annotator** [ZWRL19]. **Multi-Channel** [LPLH19, WWX⁺23]. **multi-document** [HL10]. **Multi-factors** [HJZ⁺23]. **Multi-Field** [QFZ⁺19]. **Multi-goal** [DZX⁺23]. **Multi-Graph** [ZWZ⁺22]. **Multi-interest** [CRC⁺22]. **Multi-Label** [ZZD⁺20]. **Multi-level** [ZYW⁺23]. **Multi-media** [GC92]. **Multi-modal** [LXZ⁺22, ZZL⁺22]. **Multi-Modality** [GCL⁺21]. **Multi-Objective** [PBS22, SCG⁺19, WMM⁺23, JDA⁺22]. **Multi-pattern** [LMZ23b]. **Multi-perspective** [DLZ⁺22]. **Multi-Relational** [PZD⁺22, ZDW⁺22]. **Multi-Response** [YLZW21]. **Multi-Sided** [MAP⁺22]. **Multi-Stage** [LYN⁺21]. **Multi-Stakeholder** [WMM⁺23]. **Multi-strategy-based** [HYZ⁺23]. **Multi-Task** [ZWF⁺23, DZX⁺23, SZM⁺23, ZLL⁺22]. **Multi-Turn** [GCL⁺21, LLT⁺21, CJY23]. **Multi-types** [XTF⁺21]. **Multi-View-Based** [LGQL19]. **Multidimensional** [GH96, ASST05, QZXP06]. **multidisciplinary** [Luz12]. **Multidocument** [MLDGH04, YW15]. **Multilevel** [MMLP97]. **Multilingual** [BCFG15, CGB19, JTS16, KMKO92, LZG21, KSNM10]. **Multimedia** [CJN20, RRS95, ZZL⁺22, DDH⁺09, MR10, ZHC⁺13]. **Multimodal** [JDA⁺22, LXG⁺23, MYHL11, TQH15]. **Multiple** [Car12, CH96, FC17, FFM17, LPY94, MC14a, MK94, NGMD17, SMN⁺16, WLT⁺22, WMC⁺23, Wil98, XZY21, ZLL⁺22, ACS08, CRG02, GWR99, MSOH13]. **Multiuser** [DC92]. **multivariate** [LA08]. **Music** [CS16, MO12, PH07, SPKW11, SSCT09]. **MWI** [BCFG15]. **MWI-Sum** [BCFG15]. **MyrrorBot** [MNP⁺21b]. **N** [SC19]. **Name** [All89]. **Named** [LCH07, PTS13]. **Names** [SMGM11]. **Narrative** [ZSN⁺22]. **Natural** [AAL⁺20, GR96, KJA20, ZGC⁺22, ES98,

FBN⁺12, Owe02]. **Natural-Language** [GR96, ES98]. **Navigation** [AKFA15, BBMN⁺08, MS01]. **Near** [CTH⁺13, JTL⁺17, NGMD17, HHC⁺10, LHSC11]. **Near-Duplicate** [CTH⁺13, JTL⁺17, HHC⁺10, LHSC11]. **Near-Optimal** [NGMD17]. **nearest** [KZP10]. **Need** [LMW⁺23, SGJ22, YTD13, LWA08]. **Needs** [FEL22, KMdRS06]. **Negative** [CMZ⁺23, Mar94, WC21a, WC21b, WLL⁺23b, WZZ04]. **Negotiation** [CW94, LWA08]. **neighbor** [KZP10]. **Neighborhood** [JDZ⁺22, PZD⁺22, WX10]. **Nested** [PL94]. **Nested-Graph** [PL94]. **Net** [SF89]. **Nets** [OS96]. **Network** [CQF⁺23, CXZ⁺21, DXL⁺22, GGR22, HCY⁺20, HML⁺23, JDZ⁺22, Kwo95, LLZ⁺22, LW20, LWP⁺21, MHLH23, MAL16, QZX⁺20, SLW⁺20, WWX⁺23, XHX⁺22, YSZ⁺17, YMZ⁺22, ZHW⁺22, ZY21, ZDW⁺22, ZWE⁺22, FCD02, LLPT10, XC05]. **Network-based** [ZHW⁺22, FCD02]. **Network=based** [TC91]. **networked** [Fuh99, PSDB99]. **Networks** [DCT⁺17, FLMD22, FZH⁺22, FC17, GRSD⁺16, GLL⁺23, HGBY16, HE91, HQZ17, LHL23, LLBS18, MTC21, MLZ⁺20, PZD⁺22, QHLY20, QFZ⁺19, RCR⁺18, SMN⁺16, TLKW16, TLS⁺22, UY89, VFA17, WL22, WHL⁺22, XZZ⁺22, YSZ⁺17, YHS⁺21, ZAL⁺16, ZTM⁺17, ZLH⁺22, ZYW⁺23, ZGCC18, ZDW⁺22, ZXZL23, CGM05, KNS04, RBV09]. **Neural** [CQF⁺23, CCCD19, CZZ⁺20, CXZ⁺21, DXL⁺22, DHY⁺19, GLL⁺23, HQZ17, KJA20, LLX⁺22, LYN⁺21, LMMO23, MPT21, PZD⁺22, QZX⁺20, QHLY20, QFZ⁺19, RCR⁺18, SLW⁺20, TLS⁺22, VdRK18, WL22, WZG⁺23, XZH⁺22, YSZ⁺17, YMZ⁺22, YLYT23, ZHW⁺22, ZLH⁺22]. **News** [HLL⁺17, HJZ⁺23, LW20, LXLZ16, LMZ20, MK16a, WWHX23, ZLF⁺17, LSOS06, SC09, LSOS06]. **Next** [CSZ⁺22, LHH⁺19, LCNy23, XZY21, ZHL⁺22, ZLL⁺20, ZCLX22]. **Next-Item** [ZLL⁺20, ZCLX22]. **Node** [WHL⁺22]. **Nodes** [MLZ⁺20, NB97]. **Noise** [ZWRL19]. **Noise-aware** [ZWRL19]. **Noisy** [GTW⁺18]. **Non** [CMZ⁺23, CJY23, DLN⁺16, BM02, QZXP06]. **non-affiliated** [BM02]. **Non-autoregressive** [CJY23]. **Non-Oblivious** [DLN⁺16]. **non-ordered** [QZXP06]. **Non-sampling** [CMZ⁺23]. **Nonlinguistic** [SCL⁺22]. **Nonmatching** [Dun97]. **nonordered** [KZP10]. **Nonparametric** [YCZ⁺15]. **Nonuniform** [HCY⁺20]. **nonverbal** [Luz12]. **Normalization** [Na15, HO07]. **normalized** [KT05]. **Note** [Gru92]. **Novel** [LMW⁺21, MS01, PRP05, PH07, SSCT09]. **NSP** [WC21b]. **number** [KFS10]. **Numeral** [MP20]. **Nutrient** [YHY⁺17]. **Nutrient-Based** [YHY⁺17]. **Object** [AM89, GSR96, JSHS96, KBGW91, MT21, MH89, Mos90, Sci89, SÖ90, SM99]. **Object-Oriented** [AM89, GSR96, JSHS96, KBGW91, SÖ90]. **Objective** [IC16, PBS22, SCG⁺19, UA22, WMM⁺23, JDA⁺22]. **Objects** [PL94, Gla04, GL05]. **Oblivious** [DLN⁺16]. **obtained** [PTKJ07]. **Occurrences** [BKR97]. **OCR** [DM07, TBC96]. **October** [Cal12]. **OED** [BBT92]. **Office** [CFP95, GZC89, PBF⁺89]. **Offline** [AYWM21, GZW⁺18, JMO22, JSZL23, LCY21, TSNS19, ZLF⁺23]. **Once** [NGMD17]. **One** [CLPM20, PYC⁺19, IH07, WTS⁺08]. **One-Class** [PYC⁺19, CLPM20]. **one-size** [IH07]. **Online** [AYWM21, CP13, CL07, GGRF23, GZW⁺18, LMDZ20, MCF⁺17, MCL⁺12, MNP⁺21b, TSNS19, ZLWW22, ZAL⁺16, ZXZL20, ZZH⁺18, ZWT⁺23, ZZL⁺22, CC03]. **Ontological** [MSR04]. **Open** [HZG20,

LMW⁺²¹, LLN22, LCL⁺²³, MLZ^{+22a}, PYF⁺⁹², WWX⁺²³, BHMW07, MPHS03]. **Open-Domain** [LLN22, LCL⁺²³, MLZ^{+22a}, HZG20, LMW⁺²¹, MPHS03]. **operators** [EJ03, GCT99]. **Opinion** [FAZC12, GCC12, ACS08]. **Opinions** [NSK⁺²⁰]. **Opportunities** [MJH15]. **Optical** [FC91]. **Optimal** [FC91, NGMD17]. **Optimality** [Row96]. **Optimizing** [WMM⁺²³]. **Optimizing** [JMD20]. **Optimum** [Fuh89]. **Oracle** [NWZC12]. **Order** [CLG⁺²³, FCDH91, LJHL17, WZW⁺¹⁹, HZSL13]. **Ordered** [MPM22, QZXP06]. **Organization** [HE91]. **Organizational** [Ack98, BB93, KL00]. **Organizations** [CZ93, OG94]. **organized** [JDA⁺²²]. **Organizing** [HDPM08]. **Orientation** [UY89, TL03]. **Oriented** [AM89, DXZ⁺²², GSR96, HGBY16, HSH90, HWN⁺¹⁹, JSHS96, KL91, KBGW91, SÖ90, WHL⁺¹⁶, ZHZ⁺¹⁹, KL06]. **our** [BVKS08]. **out-of-vocabulary** [WKF⁺¹²]. **Outcome** [MLK⁺¹⁸]. **Outdoor** [dODMS20]. **OutdoorSent** [dODMS20]. **Output** [KMKO92]. **Oval** [MLF95]. **Overview** [BKWZ15, PBJ⁺¹⁶, THT12].

Package [ZWX⁺²³]. **Packages** [Ruh94]. **Page** [JDA⁺²², LGRK18, BKGM⁺⁰², UCH03]. **PageRank** [BSV09, KL10, WTS⁺⁰⁸, WW10]. **Pages** [ANW17]. **pair** [BS12]. **Pairwise** [YMZF22, ZMK⁺²⁰]. **Palmtop** [FZC93]. **Paper** [LCPD19, ZZD⁺²⁰]. **Paper-Reviewer** [ZZD⁺²⁰]. **paradigm** [CDH⁺⁰⁹]. **paradox** [KM13, JMO22]. **Parallelism** [MKF91]. **Parallelization** [PGW⁺¹⁷]. **Parallelized** [YHS⁺¹²]. **parameters** [Bod04, HO07]. **Parity** [YXL⁺²³]. **Parser** [MH89]. **Parsimonious** [YE18]. **parsing** [CHS99]. **Part** [HRY^{+22a}, HRY^{+22b}, YSXX23]. **Partial** [SGJ22]. **Partially** [LM90]. **Participant** [LLBS18]. **Partitioned** [CZ93, LL89, LR96]. **Partitioning** [ZRT91, QZXP06]. **Parts** [RK19]. **Passage** [LYN⁺²¹, TM19, KZSD99, KKB10]. **Passages** [MNP^{+21a}, JZ06]. **Patent** [MC14a]. **Path** [LL23, ZWC⁺²³]. **Pathway** [UA22]. **patient** [Luz12]. **Pattern** [LHH⁺¹⁹, MKF91, VB98, WC21b, CKC07, LMZ23b]. **Patterns** [CHBS15, RN96, IM05]. **Peer** [CGM02, LLZ⁺²², THT12, CGM05, KNS04]. **Peer-to-Peer** [THT12, CGM02, CGM05, KNS04]. **people** [Tee08]. **Perception** [LMW⁺²³, WLZW21]. **Perceptual** [AC19]. **perCLTV** [ZWT⁺²³]. **Perfect** [FCDH91]. **Performance** [ASSC22, ABW93, BMMC19, Cum14, DGMG23, FKS19, GH96, LL89, MPHS03, NWZC12, RJB89, SKC⁺¹², SKC16, TM20, VAJR22, BS12, CML00, FPSO06, FMS10, PF03]. **Permission** [WLG⁺¹⁷]. **Perseus** [MC94]. **persistence** [PPGK04]. **Persistent** [Mos90]. **Person** [LXZ⁺²², QZX⁺²⁰]. **Person-Job** [QZX⁺²⁰]. **Personal** [AZCC21, GZW⁺¹⁸, HJZ⁺²³, YDW22, BCD⁺⁰⁸, BBM⁺⁰⁸, BVKS08, HDPM08, MKR04, MC10b, SS08]. **Personalised** [LCPD19]. **Personalization** [ZYY⁺²¹, ZHD⁺²²]. **Personalized** [ABCZ21, AC18, DLZ⁺²², GCN⁺¹⁹, LJHL17, LZLM19, LXG⁺²³, MNP^{+21b}, PLR⁺²², SZZL23, TLS⁺²², WZW⁺²², WWHX23, YHY⁺¹⁷, YDXW21, YDW22, ZWT⁺²³, MPS07, XHY09, LLT⁺²¹]. **Personalizing** [BLH⁺²²]. **personally** [ZFL⁺⁰⁷]. **Perspective** [ZZY⁺²³, DLZ⁺²², HDPM08, PVGM11]. **Perspectives** [Kli94, NFZ19]. **Perturbation** [YLYT23]. **pervasive** [ACM⁺⁰²]. **Petri** [OS96, SF89]. **Philosophy** [DC10]. **Phone** [Res93]. **Phone-Based** [Res93]. **phrase** [WZB04]. **Physical** [ISL95, WNS⁺¹⁷, YTD13, BSST03]. **PIC** [GCT99]. **PicASHOW** [LS02]. **Pictorial** [MTKY92, LS02]. **Piggyback** [CFC⁺¹⁹].

Pitfalls [LMZ⁺23a]. **Placement** [FC91].
places [ZFL⁺07]. **Placing** [FGM⁺02].
Platform [CHN⁺17]. **Plus** [SS93].
PocketLens [MKR04]. **POI**
 [CSZ⁺22, JMZ22, LHH⁺19, LCNy23,
 QLNY19, ZHL⁺22, ZLW16]. **Poincaré**
 [GLL⁺23]. **Point**
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Point-of-Interest
 [LJHL17, RABC22, YCZ⁺16]. **Points**
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Pointwise [IC16]. **POIs** [HY20]. **Poisoning**
 [TQN⁺23]. **Policy** [ZWX⁺23]. **Pólya**
 [CPL15]. **Polynomial** [Fuh89]. **PONE**
 [LMW⁺21]. **Pooled** [STZ22]. **popular**
 [BM02]. **popularities** [AOU12]. **Popularity**
 [GGRF23, LFW23, MMCC⁺21, MCF⁺17].
portals [FSC07]. **Position**
 [HML⁺23, Oos23, KFS10].
Position-Enhanced [HML⁺23]. **Positional**
 [QHCY22]. **Positive** [LPLH19, WC21a,
 WLL⁺23b, MMCC⁺21, WZZ04].
Positive/Negative [WC21a]. **Posterior**
 [EMS21, WKF⁺12]. **Potential**
 [LXLZ16, PHK12]. **Power**
 [LPC⁺23, PSL16, SW94, ZDW⁺22].
Power-law [ZDW⁺22]. **Practical**
 [Non13, CC05]. **praise** [TL03]. **Pre**
 [AARC20, HYZ⁺23, LPC⁺23, LMMO23,
 WLL⁺23a, WZZ⁺23]. **Pre-Filtering**
 [AARC20]. **Pre-ranking** [LPC⁺23].
Pre-training
 [HYZ⁺23, LMMO23, WLL⁺23a, WZZ⁺23].
Precision [PGD07, RJB89, RL94, MZ08].
Predicate [CGMP99]. **Predict** [NSVB18].
Predicting [LCJ⁺16, SKC⁺12, ZLL⁺22].
Prediction
 [CP13, Cum14, DGMG23, FHW⁺19, LLZ⁺22,
 MCF⁺17, MAL16, MPT21, NWZC12,
 QFZ⁺19, SZC⁺23, SKC16, SMN⁺16,
 SYX⁺17, TZP22, TZP23, TM20, WLZW21,
 YZW⁺17, ZM14, ZMK⁺20, ZKMM23,
 ZWT⁺23, RSD⁺13, SC09, WdVR08].
Preference [ABCZ21, CJZ⁺16, DLZ⁺22,
 DSZ⁺23, GCL⁺21, GCN⁺19, LHL23,
 LZLM19, MRC⁺23, SZ21, WZW⁺19, Won94,
 BBMN⁺08]. **Preference-aware** [LHL23].
Preference-Based [Won94, SZ21].
Preferences [CZT⁺23, CVS21, DL16,
 IYC⁺23, LAL⁺17, SZ21, SZC⁺23].
Prefetching [WDG17, FPSO06].
Preparing [Leh06]. **Presentation**
 [LGRK18, BDS04]. **Preservation** [GR12].
preserve [CGM02]. **Preserving**
 [FCDH91, WWN22, ZBYH23]. **Pretrained**
 [ZY21]. **preview** [PSDB99]. **Price**
 [APJL20, CJZ⁺16]. **Price-per-attention**
 [APJL20]. **Principle** [Fuh89, DWLW09].
Principles [GC92, Lin07]. **Prioritise**
 [STZ22]. **Prioritization** [ZKJW22]. **Priors**
 [HCC⁺16]. **Privacy** [CSR⁺20, ZBYH23].
Privacy-preserving [ZBYH23]. **Private**
 [KBGW91]. **Privilege** [OSV19]. **Proactive**
 [ZBYH23]. **Probabilistic**
 [AV02, BB10, Coo95, DL16, FB91, FP94,
 FR97, KSNM10, Kwo90, Kwo95, MHZ16,
 MO12, PARS22, WLZW21, WY95, ZHY14,
 ZZZ⁺16, ZHD⁺22, GCT99, GP00, YWYL08].
Probability
 [CV98, EMS21, FC91, Fuh89, DWLW09].
Probe [WZC⁺17]. **Problem** [FLMM91,
 GGR22, HCZ04, WTS⁺08, WW10].
Problems [ZZH⁺18]. **Process**
 [BHH⁺16, KL91, OOSC93, RN96, YGZ15,
 KL00, RR98]. **Process-Oriented** [KL91].
Processes
 [HCD⁺23, LBC⁺19, SM95, KL00].
Processing [AAL⁺20, Can93, KM97, SÖ90,
 ZLF⁺17, BS12]. **Product**
 [AZBC20, GCN⁺19, PLR⁺22, QFZ⁺19,
 ZJT16, ZCZW22, ZHRK23].
Product-Based [QFZ⁺19]. **Professionals**
 [Ols89]. **Proficiency** [HLC⁺20]. **Profile**
 [AKFA15, FC17]. **Profile-Based** [AKFA15].
profiles [CCC09, JD07]. **Profiling**
 [LLM22, SCL⁺22, MSR04, SNS⁺05].
Program [JVA⁺15]. **Programming**
 [BR96]. **Progress** [DBCJ21]. **Project**

[EGL⁺97, MC94]. **promotes** [KKS⁺08]. **Propagating** [MK16a]. **Propagation** [SZZL23, WL22, WBP⁺16, ZM14]. **Properties** [SFR98, DEL⁺00]. **Prospects** [Ols89]. **Protocol** [CW94]. **prototype** [RR98]. **prototypical** [CSJS10]. **PROXY** [KL91]. **Proximal** [NB97]. **Proximity** [AARC20, CL19, FLW⁺23, GCC12, ARSZ03]. **Proximity-Based** [GCC12]. **proxy** [HHWL01]. **proxy-based** [HHWL01]. **PRUM** [PGD07]. **pruned** [BS12]. **pruning** [AOU12, BB10, MOT11, dMdSsdA⁺08]. **Pseudo** [DLA15, LMZ⁺23a, MHZ16]. **Pseudo-Relevance** [DLA15]. **psychiatric** [YWYL08]. **Psychometric** [AAL⁺20]. **Public** [NSK⁺20, ZGN⁺17, LL99]. **publications** [BM12]. **pure** [HZSL13]. **Purpose** [AFF⁺19, WLG⁺17, YE18, CW02].

QProber [GIS03]. **Qualitative** [BDS04, MC14b]. **Quality** [GGRF23, HCC⁺17, YMZF22]. **Quantitative** [MC14b, ZGN⁺17]. **Quantum** [ZHW⁺22]. **Queries** [CFC⁺19, Guy18, SÖ90, ZLF⁺17, ZZL⁺21, ZGCC18, BGQT07, BJJ⁺07, BS12, CGMP99, CDF01, JD07, LCL04, Owe02]. **Query** [ABB⁺15, BBD11, BMMC19, BLWJ15, CRD16, CC01, CH96, CFFK22, Cum14, DGMG23, GS91, JTS16, LYN⁺21, MC14a, MK94, MLP22, NB97, PPR13, SW94, SPS⁺06, SKC⁺12, SKC16, SÖ90, TM20, UCH03, VAJR21, WNZ02, YGZ15, ZZL⁺22, ZWL⁺23, AOU12, BJJ⁺07, Bod04, CdMRB01, CL03, DM07, EJ03, FPSO06, FG04, GNN⁺10, GWR99, GCT99, JGP⁺07, KmDRS06, LWSA10, LL99, LOP⁺13, MSOH13, PSDB99, TFS⁺12, TKD09, XC13, YWYL08]. **Query-Based** [PPR13, CC01, ZWL⁺23]. **query-by-example** [TFS⁺12]. **query-dependent** [MSOH13]. **Query-Drift** [SKC⁺12]. **Query-independent** [UCH03]. **querying** [MS01, WZB04]. **Question** [CCC⁺12, GCR⁺21, HWN⁺19, LLN22, LYZ⁺23, LLM22, MAL16, NLF⁺20, PHK12, TM19, YXL⁺23, ZWMH19, ZLY⁺22, ZGC⁺22, ZK20, CTM12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. **Question-Answer** [CCC⁺12]. **Question-Answering** [GCR⁺21, TM19, CTM12, KSNM10]. **Question-based** [ZK20]. **Question-driven** [LYZ⁺23]. **Question-Oriented** [HWN⁺19]. **Question-Topic** [NLF⁺20]. **Questions** [AA16, LCL⁺23, NZW⁺14, Pal15, ZAK⁺23]. **Quote** [TWLX18]. **QuoteRec** [TWLX18].

Radically [MLF95]. **Random** [IC16, LCL⁺17]. **Random-Forest-Based** [IC16]. **Randomise** [STZ22]. **Randomly** [FC91]. **randomness** [AV02]. **Rank** [AYWM21, DXZ⁺22, DMUN19, IC16, MZ08, Oos23, PYC⁺19, SCG⁺19, BM02, DWLW09, LJQY19]. **Rank-biased** [MZ08]. **Ranked** [HCC14]. **Ranker** [LMDZ20]. **Ranking** [CBZ11, CDZ⁺23, DXZ⁺22, DLN⁺16, FHW⁺19, Fuh89, LR96, MPM22, MT21, RBM23, SMGM11, WHL⁺16, WZG⁺23, XTF⁺21, ZKJW22, ZLY⁺22, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD99, KSNM10, LPC⁺23, PZMRN05, ZLM⁺23]. **Ranking-Oriented** [WHL⁺16]. **rankings** [WMZ10]. **Rapidly** [WBB⁺90]. **Rate** [ANW17]. **Rating** [YZW⁺17, ZXZL20, WdVR08]. **Ratings** [ABCZ21, CHN⁺17, CDR10]. **Raw** [GZW⁺18]. **Re** [SBM⁺17, TY22, ZLM⁺23]. **Re-classification** [TY22]. **Re-Finding** [SBM⁺17]. **Re-ranking** [ZLM⁺23]. **Readable** [LPY94]. **Reader** [LMZ20]. **Reading** [BHH⁺16]. **Real** [SYX⁺17, YCZ⁺16, ZLW16, ZZL⁺21, AL13, HSS⁺09]. **Real-Time** [SYX⁺17, YCZ⁺16, ZZL⁺21, AL13, HSS⁺09]. **Real-World** [ZLW16]. **Reality** [FZC93, SGLS93]. **realizations** [DC10]. **Reappraisal** [BB93]. **Reasoning**

[LLN22, MHLH23, ZWC+23].
Reassessment [EMS21]. **Recall** [RJB89, Web13, PGD07, Tee08, ZK20].
Recency [MCL+12]. **recognition** [PTS13].
recognize [Tee08]. **Recommend** [NZW+14]. **Recommendation** [AZ12, ABCZ21, AC18, AZCC21, BKWZ15, BLH+22, CQF+23, CHN+17, CJZ+16, CZX+19, CWZ+20b, CZZ+20, CJW+21, CXZ+21, CRC+22, CMZ+23, CZT+23, CS16, CCZ+19, CLM+22, CSZ+22, DSZ+23, FZSG21, FLW+23, FMSS14, GCH+19, GYC+22, GLL+23, HYZ+23, HKS+21, HRY+22a, HRY+22b, HZF+23, HCC+16, HJZ+23, JMO22, JMZ22, LJHL17, LHH+19, LLW+21, LLX+22, LZG+18, LMZ23b, LLBS18, LZLM19, LPYM23, LJQY19, LMMO23, LXG+23, LFW23, LCNY23, LPLH19, LCJ+19, LMW+23, LMZ20, MHLH23, MYHL11, PCC+22, PCCC22, PVGM11, PBS22, QLNY19, QHLY20, QHCY22, RABC22, SC19, SZS17, SWZ+22, TWLX18, TLS+22, WC21a, WMZ+21, WLT+22, WZZ+23, WMC+23, WQL+19, WLL+23b, WMM+23, WWHX23, XZH+22, XZY21, XHW+19, YLZW22, YMZ+22, YZW+17, YCZ+16, YSXX23, YCZ+15, ZHL+22, ZZL+23, ZLL+20, ZLWW22, ZLW16, ZZD+20, ZSY+21, ZCZW22, ZWZ+22, ZWF+23, ZDW+22, ZXZL23, ZLF+23, ZWC+23, ZWX+23, ZWE+22, ZCLX22, DK04, IH07]. **Recommendations** [GXTL14, HL17, HCC+17, HML+23, LCPD19, LHL23, WZW+22, WAL+21].
Recommended [HY20]. **Recommender** [CCCD19, CDW+23, CST+23, CSB21, DBCJ21, DZX+23, DYL+20, HSYX22, IYC+23, JSZL23, LZG21, MZLK11, MAP+22, MMCC+21, MLZ+22b, RYC+20, TQN+23, WZW+19, WMZ+23, XHX+22, XYW+23, YHY+17, YCS+14, ZZY+23, ASST05, HKTR04, Kon04, MSR04, MKR04, RSG09, WMJ05]. **Recommenders** [MRC+23]. **Recommending** [CWZ+20a].
Reconciling [GGRF23]. **Recovery** [DG95].
Recruitment [QZX+20]. **Recursive** [AZK12, Coh97]. **redesign** [KL00]. **Reduce** [AMS20, PSPBY10]. **Reducing** [GKL+07].
reduction [GMR09]. **redundancy** [Lin07, SSS11]. **redundancy-based** [Lin07].
Redundant [Row96]. **Referees** [Ano95].
Reference [SKC16]. **refinding** [BCD+08, EBR08]. **Refining** [MCL+12].
Reflection [XHX+22].
Reflection-Augmented [XHX+22].
Reformulation [BLWJ15, GS91, XC13].
reformulations [JGP+07]. **ReFRS** [IYC+23]. **Region** [ARSZ03]. **Regression** [DLN+16, LZW+20]. **Regularization** [ZSY+21]. **Regularized** [CSR+20, WXL13]. **Regulation** [WBP+16]. **Reinforced** [PZD+22].
Reinforcement [FLW+23, YDXW21, ZZT+21]. **Related** [FEL22, JTL+17]. **Relation** [AZBC20, LYLS22, LL23, SHS+23, SQZ+22, ZYY+21].
Relation-Enhanced [SQZ+22]. **Relational** [FHW+19, FR97, PZD+22, BJS99, ZDW+22].
Relations [RCR+18, WMZ+21, ZCZW22, ES98, MC10a]. **Relationship** [ZJT16].
Relative [DGMG23]. **Relevance** [Bod04, DXZ+22, DLA15, Dun97, LMZ+23a, LLZ+21, MMST17, MC14a, MYHL11, MHZ16, MHR22, RK19, RBCT14, STZ22, SWL+23, Wil98, EJ03, PTL08, WdVR08, WLWK08, ZCD06]. **Relevant** [LK20, LCL+23, ZK20, JZ06, KFS10].
Reliability [MHR22]. **remote** [HHWL01].
Repeatable [JBCF07]. **Repetition** [SE91].
Replicates [VSS17]. **reporter** [ZKG08].
reporter-based [ZKG08]. **reporters** [ZKG08]. **Repository** [CTH+13, YHYO01].
Representation [CSR+20, CZX+22, CDZ+23, CACW23, FZH+22, GYC+22, HSH90, MLZ+22b, PL94, QLNY19, RS93, SQZ+22, TSNS19, WQL+19, YLZW21, YLZW22, ZZD+20, ZCLC23, ZHRK23, Coh00, KL00].

Representations

[AMS20, LWP⁺²¹, MLZ⁺²⁰, Ruh94, TL14, WLT⁺²², XTF⁺²¹, ZHC⁺²⁰].

Representative [SZS17].

Representative-Based [SZS17].

Representing [HSH93, MBJK90].

Reproducibility [DBCJ21]. **reputation** [ZKG08]. **Requests** [ACC18]. **Reranking**

[LCPD19, LZM⁺¹⁹, TM19, HHC⁺¹⁰, KKB10, KL10, MC10b]. **Research**

[Cro89b, DBCJ21]. **Residual**

[LK20, SZC⁺²³]. **Resource**

[IYC⁺²³, MC14b, SZZL23, AAGY01].

Resource-efficient [IYC⁺²³]. **Respond**

[GCL⁺²¹, YLZW21]. **Response**

[BACF17, LLT⁺²¹, QFZ⁺¹⁹, RCR⁺²¹,

Wie92, XTF⁺²¹, YLZW21]. **Responsible**

[WBP⁺¹⁶]. **Responsiveness** [OSV19].

Result

[LYS⁺¹⁷, LZM⁺¹⁹, WDG17, ZLM⁺²³, SZ09].

Results [LGRK18, MC94, MCL⁺¹²,

NTV22, QDZW23, ZZL⁺²¹, BM12, EJ03,

FP006, HHC⁺¹⁰, KKB10, SC03, Tee08].

RESUS [SZC⁺²³]. **Rethinking** [FCL⁺²³].

Retrieval

[AMS20, ABB⁺¹⁵, CE89, CCC⁺¹², CFP95,

CJN20, CR95, Coo95, CDM15, CV98, CPL15,

DLA15, DLA22, DMUN19, EMG11, FTZ11,

FKS19, FCDH91, Fuh89, FP94, FR97, GC92,

GCC12, GR95, GR96, GCF⁺²², HCC14,

JYM13, KBD89, KC92, Kwo90, Kwo95,

LLT⁺²¹, LPC⁺²³, LYN⁺²¹, LL23, LZ96,

MMST17, MKF91, MH89, MO12, MZ96,

Na15, PARS22, PSL16, RJB89, RRS95,

Row96, SZ21, SGJ22, SWL⁺²³, SW90, SL95,

TBC96, THT12, TL14, TC91, VHJC11,

VdRK18, VSS17, VAJR22, WY95, XLW⁺²²,

XTF⁺²¹, YLZW21, YC94, YMZF22,

ZNL⁺¹⁷, ZBYH23, ZHY14, ZZL⁺²²,

ZWL⁺²³, ZK20, ADCU08, AV02, BYFM06,

CML00, CRG02, Car12, CSLN10, CC00,

Cro06, DM07, EKK99, FG04, GMR09, HO07,

HJZL09, HZSL13, HCZ04, KL06, KNS04,

KO98, KL09, LBS08, LHSC11, LA08, MR10,

MLDGH04, Mel08, MZ08, PMPJ11, PMD01].

retrieval [PRP05, PH07, PGD07, PTL08,

SV99, TLJ⁺⁰⁷, TKD09, Wil05, WSBC01,

XC00, YLS⁺¹¹, YWYL08, ZL04, ZCD06,

ZRZ02, Cro89b]. **Retrieval-Based**

[LLT⁺²¹, YLZW21, XTF⁺²¹]. **Retrieved**

[FC91, KFS10]. **Retrievers** [LMZ^{+23a}].

reuse [Tee08]. **Review**

[GCH⁺¹⁹, GCF⁺²², LLZ⁺²², LZG21,

MMO21, OSV19, ZGC⁺²², Mar08a].

Review-Aware [GCH⁺¹⁹, LZG21].

Reviewer [ZZD⁺²⁰, Mar08a]. **Reviewers**

[Cal12, dR19, Mar06, Mar07, Mar08b,

ACM03]. **Reviewing** [LK20]. **Reviews**

[CCZ⁺¹⁹, LK20, ZJT16, ZXZL23, ZK20].

revision [LBS08]. **Revisited**

[MNW98, FGM⁺⁰²]. **Revisiting**

[CMZ⁺²³, ZZY⁺²³, ZLF⁺²³]. **Rewriting**

[LYN⁺²¹, CGMP99]. **Rich** [Ruh94]. **Risk**

[SCG⁺¹⁹, WLZW21, WA22].

Risk-Sensitive [SCG⁺¹⁹]. **RLPS**

[YDXW21]. **Road** [ZGCC18]. **Robust**

[CJN20, Oos23, PPPR13, SZ09, WZG⁺²³,

YLYT23, EKK99, GWLC06]. **Robustness**

[FCL⁺²³]. **Role**

[FLMM91, Koi93, Ruh94, WHL⁺²²]. **Roles**

[GSR96]. **ROM** [KBD89]. **Routing**

[FLW⁺²³, Pal15, PSPBY10]. **RST** [AA16].

RST-Based [AA16]. **Rules**

[ADW94, CDR21, PTKJ07, WZZ04].

Rumors [MK16a]. **Rumour** [LBC⁺¹⁹].

Saerens [EMS21]. **Safe** [JMD20]. **SAGE**

[SNS⁺⁰⁵]. **Salient** [CJY23]. **SALSA**

[LM01]. **Salton** [Ano96b]. **sample** [SZ09].

sample-based [SZ09]. **Sampler** [CJW⁺²¹].

Sampling

[CZZ⁺²⁰, CMZ⁺²³, LK20, ZKMM23, CC01].

Sampling-Based [ZKMM23]. **Satisfaction**

[WZL⁺¹⁹]. **scalability** [KM13]. **Scalable**

[FZH⁺²², LZG⁺¹⁸, MWYL01]. **Scale**

[CTH⁺¹³, LMDZ20, NGMD17, NLF⁺²⁰,

SC19, VFA17, WXLC13, ZNL⁺¹⁷, ZHC⁺²⁰,

CJRY12, VKD21, YKHW06]. **Scaling**

[KEW01, YMZF22]. **Scenario** [CR92]. **scenarios** [GFWK04]. **Schema** [AARC20, RR98]. **Scheme** [APJL20, LM90, Man97, CW02]. **schemes** [PS05]. **Scholars** [Ruh94]. **Science** [Kli94, NFZ19]. **scientific** [BM12]. **Score** [Cum14, SZ09]. **scraps** [BVKS08]. **Screenshots** [USN+17]. **Script** [ZSN+22]. **SEA** [CDH+09]. **Seamlessly** [LLW+21]. **Search** [AZBC20, ASSC22, AC16, AC19, BACF17, BMMC19, BKWZ15, CWL+20, CSZD15, CHBS15, CCVR17, CLZ+14, DH97, FEL22, GS91, GCN+19, Guy18, HYH15, HKS+21, JTS16, KMPS21, KC15, LGRK18, LXZ+22, LYS+17, LCY21, LHG+12, LCL+17, LZM+19, LZW21, LMW+14, MT21, MLK+18, MBST17, MCL+12, MK16b, NTV22, NWZC12, NFZ19, PLR+22, QDZW23, RBCT14, RCR+21, RPE+18, STZ22, SLZ+19, SSGC89, TBCW20, USN+17, VKD21, VAJR21, WLY+14, WLS+17, WA22, WH15, WDG17, WZL+19, YGZ15, YDXW21, YDW22, YSXX23, YCZ+15, ZTM+17, ZZL+21, ZLM+23, ZHD+22, ZML+19, ZHRK23, ZAK+23, AOU12, ARSZ03, ACM+02, AL13, BBD11, BC13, BBMn+08, BM12, CZJ07, CJRY12, CDZ08, CGM05, EJ03, FPSO06, FGM+02, FKM+05, HSS+09, HHC+10, IH07, JBCF07, JGP+07, KM13, KKB10, Leh06, LS02, LWA08, LOP+13, MPS07, PSPBY10, SC03, Tee08, TS10, WH09, XHY09, ZHC+13, dMdSsdA+08]. **Searcher** [TBCW20, UA22, WRJV05]. **Searchers** [CACW23]. **searches** [GKL+07]. **Searching** [Man97, ZNL+17, KZP10, LdJKR12, LLC03, SNZBY00, MC06]. **Secondary** [MNZ19]. **Secret** [LPYM23]. **Section** [HRY+22b]. **Seed** [LCX+19]. **Seed-Guided** [LCX+19]. **Seeking** [TY22, VKD21]. **Segment** [CDH+09]. **Segment-enrich-annotate** [CDH+09]. **Segmentation** [JDA+22]. **segments** [CC05]. **Selecting** [DH97, LPC+23]. **Selection** [AZCC21, DXL+22, HWN+19, LLT+21, MC14b, PHK12, PZD+22, SCG+19, ACS08, CC03, Fuh99, HT99, IG08, PF03]. **Selective** [KC15, LGRK18]. **Selectivity** [BF98]. **Self** [BF98, JDA+22, MZ96, QDZW23, CGM05, FBN+12, PR09]. **Self-attention** [QDZW23]. **self-correlation** [PR09]. **self-indexes** [FBN+12]. **Self-Indexing** [MZ96]. **Self-organized** [JDA+22]. **Self-Spatial** [BF98]. **self-supervising** [CGM05]. **Semantic** [AMS20, CGB19, EMG11, GCF+22, LPY94, LXLZ16, MPT21, SLHS93, TG10, TM19, WXLC13, ZHC+20, dODMS20, FCD02, Hof04, KO98, MR10, PR09, TL03, YLS+11]. **semantic-multimedia** [MR10]. **Semantics** [SF89, WR98]. **Semi** [MP20, YHS+21]. **Semi-Static** [MP20]. **Semi-supervised** [YHS+21]. **Semiconductor** [HE91]. **semidiscrete** [KO98]. **Semisupervised** [HJZL09, SC03]. **Sense** [OG94]. **Sensed** [CLZ+14]. **Sensing** [PGW+17]. **Sensitive** [GC92, SCG+19, CS99, LBS08]. **Sensitivity** [MMO21]. **Sensors** [FC17]. **Sentence** [RCR+18]. **Sentiment** [ACS08, BHH+16, FCL+23, HQZ17, LLG+23, LZG21, ZH17, dODMS20]. **Sentimental** [FAZC12]. **September** [Cal12]. **Sequence** [ZCLC23, KT05]. **Sequence-aware** [ZCLC23]. **Sequences** [HCC14, Zob06]. **Sequencing** [CR95]. **Sequential** [CRC+22, CSZ+22, FZSG21, GLL+23, HSYX22, HML+23, MRC+23, PLR+22, RN96, WC21a, WMZ+21, WC21b, WMC+23, ZKJW22, ZCZW22]. **Sequential-Knowledge-Aware** [CSZ+22]. **SERP** [RCR+21, SZ21]. **SERP-based** [RCR+21]. **server** [HT99]. **service** [DDH+09, FSC07]. **service-based** [DDH+09]. **ServiceFinder** [FSC07]. **Services** [MNP+21b, JBCF07]. **Session** [CML+21, PCC+22, PCCC22, QHCY22, RBCT14, SGJ22, YGZ15, QHLY20]. **Session-Based**

[QHCY22, PCC⁺22, PCCC22, QHLY20].
Sessions [SE91]. **Set**
 [PZMRN05, CM10, GMR09]. **Set-based**
 [PZMRN05]. **setting** [HO07]. **Shallow**
 [TM19]. **Shards** [FKS19]. **Shared**
 [IKG93, KBGW91, LM90, ZH17]. **Sharing**
 [LPYM23, BCD⁺08, SS08]. **Shell** [VFA17].
Shifts [HE91]. **Short** [GCN⁺19, LDW⁺17,
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Short-Term [GCN⁺19]. **Shortening**
 [BBT92]. **Shortest** [CC00].
Shortest-substring [CC00]. **shot**
 [LLG⁺23, LLZ⁺21]. **Shots** [BA18]. **Should**
 [STZ22]. **Sibyl** [CTM12]. **Side**
 [FMSS14, LMMO23]. **Sided** [MAP⁺22].
SIGIR [Cro89b]. **Signal** [CDM15]. **Signals**
 [WMC⁺23]. **Signature**
 [BA18, CZ93, LL89, LR96, ZRT91, CHS99].
Signature-Based [BA18]. **signatures**
 [PPGK04, Zob06]. **Signed** [CXZ⁺21].
SIMD [ZZL⁺15]. **SIMD-Based** [ZZL⁺15].
similarities [KKB10]. **Similarity**
 [BA18, CWZ⁺20b, CWZ⁺20a, GR95, MO12,
 MK16b, YMZF22, ZLL⁺20, ZTM⁺17, AC08,
 ARSZ03, Coh00, EKK99, GGMW03,
 MC10b, SPKW11, WMZ10]. **Simple**
 [LYLS22, OOSC93, PCD92]. **Simpson**
 [JMO22]. **Simulating** [WA22]. **Simulation**
 [CST⁺23, SGLS93, VHJC11, ZLM⁺23].
Simulation-Based [VHJC11]. **simulations**
 [WRJV05]. **singer** [SSCT09]. **Single**
 [Kwo90, WX10]. **Site** [AKFA15, IM05].
Sites [AZK12, ZLL⁺22]. **Size** [MT21, IH07].
Sizes [FKS19]. **Sketches** [MNZ19]. **skewed**
 [SV99]. **skipping** [ADCU08]. **Sliding**
 [LYZ⁺23]. **Small** [MC14b].
Small-Document [MC14b]. **SMAPH**
 [CFC⁺19]. **smart** [BSST03]. **smoothing**
 [ZL04]. **Snippet** [BC14]. **Social**
 [CP13, CLZ⁺14, DCT⁺17, FC17, FMSS14,
 HGBY16, Kli94, VST⁺14, LXZ⁺22, LLX⁺22,
 LLBS18, LW20, LBC⁺19, MZLK11, Mar94,
 MJH15, MTC21, MK16a, MKZPK18,
 MAL16, NGMD17, NZW⁺14, PBJ⁺16,
 QWZ⁺15, RN96, SMN⁺16, TLKW16,
 WZC⁺17, WLFT18, WLT⁺22, YSZ⁺17,
 YTD13, ZAL⁺16, ZLL⁺22, ZWZ⁺22,
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 ZDW⁺22, CDR10, KL00, LLPT10].
Social-aware [WLT⁺22]. **Social-Sensed**
 [CLZ⁺14]. **societies** [GFWK04]. **Society**
 [WW94]. **Soft** [CKC07, TQH15]. **Software**
 [Koi93, MR92, Tuz95, ATW00]. **Solutions**
 [NGMD17, TY22]. **Solving**
 [FLMM91, WTS⁺08]. **Some** [Coo95].
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 [NCHW15, Non13]. **Sound**
 [GTW⁺18, PTL08]. **Soundness** [HWD13].
Source [VAJR22]. **Sources**
 [VST⁺14, LZM⁺19, MC14a]. **Space**
 [CMR91, IKG93, MHZ16, QZXP06,
 SPKW11]. **space-partitioning-based**
 [QZXP06]. **Spaces** [VdRK18, ARSZ03,
 GFWK04, KZP10, QZXP06]. **spam**
 [CL07, ZKG08]. **Sparse**
 [WZC⁺17, ZHC⁺13]. **sparsity** [HCZ04].
Spatial [BF98, GR95, Koi93, YCS⁺14,
 ZGCC18, ES98, EKK99]. **spatio**
 [PMD01, TP05, LLPT10]. **spatio-temporal**
 [PMD01, TP05, LLPT10]. **Spatiotemporal**
 [JMZ22, MK16a, QLNY19]. **Special**
 [BKWZ15, Cro89a, HKS⁺21, HRY⁺22a,
 HRY⁺22b, Kli94, LdJKR12, PBJ⁺16, SL95,
 WLS⁺17, YSXX23, BYFM06].
Specialization [Sci89]. **Specific**
 [Sav12, VL90, CC03, DEL⁺00, YLS⁺11].
Specification [HM90, JSHS96, OS96].
Specifications [Tuz95]. **Spectrum**
 [NGMD17]. **Speech**
 [CW94, KM97, LdJKR12]. **Speed** [AC19].
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Spoken [CJY23, Guy18, VAJR21, CSLN10,
 CTM12, TFS⁺12, WKF⁺12]. **Spreadsheet**
 [ISL95]. **SSD** [WLY⁺14]. **SSD-Based**
 [WLY⁺14]. **Stability** [AZ12]. **Stack**
 [SZL23]. **Stack-Propagation** [SZL23].
Stage [GCF⁺22, LYN⁺21, Na15].
Stakeholder [WMM⁺23]. **Stance**

[LBC⁺19, ZY21]. **Standards** [Gru92]. **STARec** [JMZ22]. **Start** [CQF⁺23, HCC⁺16, SZS17, HYZ⁺23, HSYX22, LLW⁺21, WLL⁺23b]. **statechart** [dOTM01]. **statechart-based** [dOTM01]. **Static** [AOU12, MP20, ZCZ⁺23, BB10, GL06]. **Statistical** [CSLN10, TL14, Car12]. **Statistics** [CFGM02]. **status** [TkWW99]. **Stemming** [PPPR13, XC98, PMPJ11]. **Stepped** [VFA17]. **STEvent** [LLPT10]. **Stickers** [GCL⁺21]. **Stochastic** [ABB⁺15, LM01]. **Stock** [FHW⁺19, LCJ⁺16, SC09]. **Stop** [LK20]. **Storage** [GC92]. **Store** [Mos90]. **Storing** [KBD89]. **Storm** [JTL⁺17]. **Strategy** [HJZ⁺23, WW94, HYZ⁺23]. **Stream** [CTH⁺13, ZLF⁺17]. **Streams** [GFWK04, LRZ⁺17, LYS⁺17, WLFT18]. **Strength** [ZZZ⁺16]. **string** [HZW02]. **stripper** [MMP⁺07]. **Structural** [BRS92, JYM13, WHL⁺22, KL10]. **Structure** [COR13, LZM⁺19, MH89, NB97, SF89, YLYT23, GGMW03, HZW02, LM01, Luz12]. **Structured** [BB93, GZC89, JDZ⁺22, WR98, BDS04, Cro06, LL99, PGD07]. **Structures** [CZX⁺22, TGL⁺97, TM19, BHMW07, GFWK04]. **Structuring** [HSH93]. **Students** [HLC⁺20]. **studies** [MC10b, WH09]. **Study** [Ack98, CV98, FKS19, JSZL23, MLP22, VHJC11, WW94, WLY⁺14, ZLF⁺23, ZL04]. **Studying** [CST⁺23, KM13]. **Styles** [WAL⁺21]. **stylometric** [AC08]. **Subgraph** [WZZ⁺23]. **Subspace** [PR16]. **Substitutable** [ZCZW22]. **substrate** [SM99]. **substring** [CC00]. **Substrings** [NCZG14]. **Substructure** [YW15]. **Substructure-Based** [YW15]. **Successes** [LMZ⁺23a]. **Suffix** [NCZG14, MMP⁺07, Non13]. **Suffixes** [NCHW15]. **Suggesting** [AK18]. **Suggestion** [MLP22]. **suggestions** [GNN⁺10]. **SUIT** [PCD92]. **Sum** [RK19, BCFG15]. **summaries** [BGQT07]. **Summarisation** [AKFA15]. **Summarization** [BZCE22, CGB19, LYZ⁺23, MSMO18, RCR⁺18, YW15, BKGM⁺02, HL10, MLDGH04, WX10]. **Summarizer** [BCFG15]. **Summarizing** [BM12]. **Summary** [CLG⁺23, MC06, ZZL⁺21]. **SuperBook** [ERG⁺89]. **Supervised** [LYLS22, SHS⁺23, CL07, YHS⁺21]. **supervising** [CGM05]. **Support** [ASV91, KM97, MK16a, TkWW99, TMT06]. **Supporting** [Bie92, Bul95, HYH15, KBGW91, RSG09]. **surface** [KL00]. **Surrogate** [TQN⁺23]. **Surrogate-based** [TQN⁺23]. **surrogates** [KKS⁺08]. **Survey** [CLPM20, CDW⁺23, MLZ⁺22a, WMZ⁺23, ZZL⁺23]. **SVM** [HJZL09]. **SWIM** [VFA17]. **Swipe** [NSVB18]. **Synchronization** [RRS95]. **Synopsis** [TM20]. **Syntactic** [HQZ17, MH89, TM19]. **Syntactic/Semantic** [TM19]. **Synthesizing** [MC14a]. **System** [CE89, CFP95, CDW⁺23, CH96, CR95, DMUN19, IYC⁺23, JSZL23, JTL⁺17, KEL95, KBGW91, LZG21, LCJ⁺19, MLZ⁺22a, MMLP97, OS96, PBF⁺89, RJB89, SSGC89, WHFG92, WL97, XYW⁺23, YHY⁺17, YCS⁺14, ZLH⁺22, ZWT⁺23, CGMP99, CTM12, CC03, FP00, GL06, GIS03, HSS⁺09, IH07, KFS10, KNS04, LBS08, LSOS06, LL99, MKR04, MPHS03, RR98, RSG09, SC09, TkWW99, TMT06, ZKG08]. **Systematic** [MLZ⁺22a, RABC22]. **Systems** [ASV91, CP13, CCCD19, CST⁺23, CSB21, DBCJ21, DZX⁺23, DYL⁺20, FN96, FR97, GSR96, GH96, HZG20, JMO22, JMSV92, JSHS96, KM97, KBD89, LMW⁺21, LCY21, LZ96, MZLK11, MAP⁺22, MJH15, MMCC⁺21, MP20, Mor90, MLZ⁺22b, MBJK90, RYC⁺20, RN96, SC19, SÖ90, TQN⁺23, Tom89, TM19, WW94, WZW⁺19,

WMZ⁺23, Won94, XHX⁺22, ZGN⁺17, ZHZ⁺19, ZXZL20, ZZY⁺23, ZZH⁺18, ASST05, BJS99, BFF⁺03, Car12, DEL⁺00, HKTR04, IH07, Kon04, Mar08a, MSR04, PVGM11, PR04, PSDB99, SS08, WMJ05, All89, dR19]. **systems-based** [Car12].

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SZC⁺²³, SE91, SS93, WZW⁺¹⁹, WMZ⁺²¹, WHL⁺²², WLT⁺²², Wie92, WQL⁺¹⁹, WZL⁺¹⁹, XYW⁺²³, XHYY09, YE18, YCZ⁺¹⁶, ZYW⁺²³, ZLM⁺²³, ZXZL23, ZWE⁺²², ZAK⁺²³, CZJ07, CC03, DEL⁺⁰⁰, KFS10, MSR04, PGD07, WNZ02].

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LWP⁺²¹, NLF⁺²⁰, SZC⁺²³, SMN⁺¹⁶, YLZW21, YLYT23, ZLL⁺²⁰, ZM14, ZLH⁺²², ZLY⁺²², ZWX⁺²³, ZHRK23]. **Video** [AOK14, BA18, Bul95, CTH⁺¹³, CR95, DG95, JTL⁺¹⁷, LCJ⁺¹⁹, MYHL11, SL95, TM91, TQH15, VHJC11, BFF⁺⁰³, HSS⁺⁰⁹, HHC⁺¹⁰, SSS11, Zob06]. **Video-Related** [JTL⁺¹⁷]. **VideoDraw** [TM91]. **Videos** [LXZ⁺²², LHSC11]. **View** [LGQL19]. **Viewpoint** [JVA⁺¹⁵]. **Viewport** [ZML⁺¹⁹]. **Views** [Koi95, LM90, AOU12]. **Virtual** [ABW93, FG93, FZC93, SGLS93, WNS⁺¹⁷]. **Visibility** [GGR22]. **Visited** [HY20]. **Visual** [APCC15, BA18, LZM⁺¹⁹, LMW⁺¹⁴, LZ96, YXL⁺²³, KNS04]. **Visualization** [Koi93, CL06]. **visualization-based** [CL06]. **VM** [WC21b]. **VM-NSP** [WC21b]. **Vocabulary** [Sav12, ZMK⁺²⁰, WKF⁺¹²]. **Voice** [Guy18]. **Volume** [dR19]. **Volunteerism** [SMN⁺¹⁶]. **vs** [AA16, CMZ⁺²³, DM07, GGRF23].

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