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Title word cross-reference

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

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

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

[Mar08b]. 2009 [Cal12]. 2012 [Cal12].

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

5s [GFWK04].

abbreviations [YKHW06]. aboutness
[WSBC01]. Abstract [MTKY92].
Abstraction [FP94]. Abstractive
[BZCE22]. Accelerating [ZZL+15]. Access
[Gla97, MNP+21b, RS97, WS90, BFF+03,
CDR10]. Accesses [CZ93]. accessibility
[CDH+09]. Accessing [Dun97].
Accounting [MK16b]. Accuracy
[ES13, MMO21, MNP+21a, JGP+07].
Accurate [YLZW22]. Acknowledgment
[Ano95]. ACM [All89, All91, dR19].
Acoustic [MO12]. Acquisition [BWS+17].
across [IH07, TLKW16]. Act
[CW94, KM97]. actions [YHY001]. Active
[CZZ+17, WHFG92, DEL+00, HJZL09].
Activities [LAL+17]. Activity

Mel08, XC00]. **Context-Aware**
[AC18, BWS+17, MJH15, WQL+19, ZKJW22, AZCC21, LXZ+22, YCZ+15].
**Context-sensitive** [CS99, LBS08].
**Contexts** [SGJ22, LLC03]. **Contextualized**
[DXL+22, BHMW07]. **Continuity** [RRS95].
**Continuous** [GRSD+16].
**Continuous-Time** [GRSD+16]. **contrast**
[ZXZL20]. **Contribution** [WW10]. **Control**
[Bul95, Gla97, HLNS98, BFF+19].
**Controlling** [Koi95]. **Conversation**
[SLW+20, TCMC21, ZLWW22, ZGF+20].
**Conversational**
[BWS+17, CSB21, FEL22, HKS+21, KMPS21, LLW+21, LLN22, LYN+21, LCY21, LZW21, RYC+20, RCR+21, TCMC21, VKD21, VJA+21, WA22].
**Conversations** [RCR+21, YLZW21].
**Converting** [Rad92]. **Convolutional**
[CXZ+21, DMY+19, 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** [RZGC+10]. **Corpus**
[KLHK13, XC98, GWR99, TLJ+07, YHKW06]. **Corpus-Based**
[XC98, YHKW06]. **correct** [PTKJ07].
**correction** [DM07]. **Correlation**
[Fer17, LHS+11, PR09, PZMRN05].
**Correlation-based** [LHSC11, PZMRN05].
**Correlations** [DHY+19]. **CoSam**
[CAJ+21]. **Cost** [GXTL14, MCF+17].
**Cost-Aware** [GXTL14]. **Cost-Effective**
[MCF+17]. **Costs** [OSV19]. **Count**
[LLZ+22]. **Couplings** [WC21a]. **Course**
[ZZW+22, ZVG11]. **Coverage** [EJ03].
**Covering** [ABB+15]. **crawl** [PS05]. **crawler**
[AAGY01]. **Crawlers** [FAZC12]. **crawling**
[TM10]. **Creating** [TLJ+07]. **CrimeNet**
[XC05]. **criminal** [XC05]. **Criteria** [Row96].
**Critical** [EMS21, NCZG14, RJBS99].
**criticism** [TL03]. **Critiquing** [FLMM91].
**Cross** [CHN+17, CJN20, EMS19, HYH15, JTS16, QHLY20, TL14, XZX+22, XLW+22, GNN+10, PTS13, TLJ+07]. **Cross-Device**
[HYH15]. **cross-domain** [PTS13].
**Cross-Language** [TL14, TLJ+07].
**Cross-Lingual**
[EMS19, JTS16, ZXX+22, GNN+10].
**Cross-modal** [CJN20, XLW+22].
**Cross-Platform** [CHN+17]. **Cross-session**
[QHLY20]. **Crowdsourced** [MHR22].
**Crowdsourcing**
[BWS+17, MMST17, SC19]. **CRSAL**
[RYC+20]. **CSCW** [Res93]. **Cues**
[LXZ+22].
**Cumulated** [JK02, KL06]. **Curious**
[BWS+17]. **Current** [Ols89]. **Cursor**
[APJL20]. **Customer** [PR16].
**Customizable** [BCZ22]. **Customizing**
[RS97]. **Cyberchondria** [WH09].
**cyberspace** [AC08]. **Cycle** [CR92].

D [NCZG14]. **D-Critical** [NCZG14].
**DAIDA** [JMSV92]. **Dangerous** [WLZ21].
** Danish** [ANW17]. **Data**
[AFF+19, AARC20, CH100, DYL+20, FC17, GC92, VST+14, MTKY92, NFZ19, QFZ+19, SLHS93, SCL+22, SSY+17, SYX+17, TGL+17, Tom89, WZC+17, WS90, ZWRL19, ZZX+22, BGQT07, BJSS09, CDF01, CGM02, FPO06, HZW02, KZP10, PSDB99, QZXP06, ZCD06]. **Database**
[BBT92, FR97, ISW92, KBGW91, KL93, S90, Tom89, VB98, BFF+03, CC03, Fuh99, IG08]. ** Databases**
[CH96, KBGW91, KC95, MK94, NB97, BSST03, CC01, EKK99, EKK00, GWR99, GIS03, KZSD99, LL99, MS01, SSSCT90]. **Datasets**
[PV19, CL06]. **DBface** [KN93].
**DBpedia** [LCL+17]. **DBpedia-Based**
[LCL+17]. **dead** [Gla04]. **Debiasing**
[ZXLZ20]. **Decaestecker** [EMS21].
**Decision** [ASV91, ADW94, Won94, YGZ15,
BDS04, Fuh99]. Decision-theoretic [Fuh99].
Decisions [WLW08]. Decomposition [VFA17, KO98]. Decoupled [SGLS93].
Deductive [KC95]. Deep [AAL19, FZSG21, LW20, LLZ+21, LCJ+19, RCR+18, SSY+17, SLW+20, TM19, XLIW+22, XTF+21, XHW+19, YW15, ZWL+22, dODMS20]. DeepMob [SSY+17].
Defined [BAH97]. Definition [CKC07].
Delay [GC92]. delivery [LSOS06].
Demographic [DCT14]. 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, LL99, MS90, OOS93, PBF+89, SZ93, WLY+14, AAGY01, BSTT03, FCD02, GWL06, IM05, RR98].
Details [ES98]. Detect [ZAL+16].
Detecting [AZK12, LHG+12]. Detection [AOY14, BA18, CSR+20, CTH+13, LW20, MTC21, MCF+17, QWZ+15, TQH15, WNWL+21, ZJTH16, ZLZ+21, ZLH+22, ZY21, ZWL+22, Zob06, AC08, CCC09, CFGM02, TFS+12, WKF+12]. Developing [WBB+90]. Development [Cro89b, Gr92, RN96, SS93, WL97, ATW00, FP00]. Device [HYH15, RSG09]. Devices [AK18, CMR91, WLS+17, ACM+02, BKGM+02].
Directly [Mab97]. directory [GKL+07].
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Discovering [LOP+13, ZFL+07].
Discovery [JTS16, OSV19, AAGY01, KKS+08, LLPT01, XC05]. discrete [KZP10, PRP05, QZXP06]. Discriminative [QWZ+15]. Discs [FC91]. discussions [Luz12].
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Distantly [LYLS22]. Distillation [CZ+19, YLS22]. Distorted [VB98].
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Distributions [PSL16, SV99, XЦ13]. Distrust [FMSS14]. divergence [AV02].
Diversification [CRC+22, HY20, LY+17, MSM08].
Diversifying [CRD16].
Diversity [RBCT14, SZ21, WZL+19, YLTZ21, LW16].
DNA [KT05]. Document [ABB+15, CGB19, CFP95, CDM15, Cum14, CPL15, DMUN19, FB91, Kwo90, LR96, LCX+19, LLZ+21, MPAM22, MC14b, MK16b, Na15, NB97, SG22, SF99, AOU12, Bod04, CSLN10, CFGM02, DM07, DEL+00, HL10, KZSD09, KKB10, PRP05, WX10, YWYL08].
Document-Ordered [MPM22].
Documents [BIE92, BCPN14, BUL95, COR13, DUN97, GCZ97, KLHK13, VST+14, LK20, STZ22, SMGM11, TSNS19, ZK20, CTM12, FCD02, KFS10, TG10].
Does [Fer17, IH07, MLK+18, VAJR22, WZL+19].
Doing [LCY21]. Domain [LLN22, MLZ+22a, MLK+18, VL90, WNW22, ZH17,
CC03, GGMW03, HZG20, LMW+21, MPHS03, PTS13, WR98, YLS+11.

**Domain-Specific** [VL90, CC03, YLS+11].

**Domains** [HCC+16, SBM+17, IH07].

**Drawing** [GTW+18, TM91]. **Drift** [SKC+12]. driven [FP00, PSPBY10]. Dual [HCY+20, XZZ+22, ZGF+20]. Dual-factor [ZGF+20]. **Duplicate** [CTH+13, JTL+17, CFGM02, HHC+10, LHSC+11]. durable [GL05]. During [CHS15, MK16a].

**Dynamic** [AZBC20, ASSC22, BR96, BFNP10, Can93, Cro06, FZH+22, HLC+20, LN22, LRZ+17, WLF+18, WMZ+21, WHL+22, XZZ+22, YLZW21, ZRT91, 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]. Editor [OOSC93, ZHA21].

**Editor-in-Chief** [VL90]. **Editor** [Dun97, FKS19, WAL+21, YTD13, CDR10].

**Effective** [CS16, KC15, LMDZ20, LYL22, MCF+17, PPR13, YLZW22, MWY+101, PMPJ+11].

**Effectiveness** [JYM13, MBST17, SGJ22, TB96, IH07, MZ08, SV99, XC00].

**Effects** [ABCZ21, AC16, AC19, CWL+20, CFFK22, KFS10, Mar94, VHK+11, VAJR22, WMZ+21, XZZL20]. Efficiency [HWD13]. Efficient [BC13, BC14, BA18, BCPN14, BKGM+02, CZX+19, CZZ+20, CJW+21, CTH+13, CM10, EK00, KZSD99, KZP10, KC15, Row96, SC19, TGL+97, WZZ04, XLW+22, YHS+12, ZGCC18, ZZZ+22, HZW02, KT05, PMPJ11, PZMR05, 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, NLF+20, WHL+22, XLW+22, ZSY+21, ZWE+22, FLMD22, PTS13].

**Embedding-Based** [GYC+22].

**Embeddings** [CCVR17, LDW+17, YE18, YDW22, ZY21].

**Emergency** [SSY+17]. Emotion [NSK+20, QWZ+15, WLM+21].

**Emotion-aware** [WLM+21]. Emotional [QWZ+15, SLW+20]. empirical [CZJ+07].

**Employee** [WZW+22]. Employer [LZW+20]. Emulators [GR12].

**encapsulation** [ACM+02]. Encoding [HQZ17, GL05]. Encounters [MJBH+15].

**Encryption** [KBD89]. End [CRC+22, MPT21, YLZW22]. End-to-End [MPT21, YLZW22, CRC+22]. Engagement [NSV18, TZP22].

**Engine** [JTS16, WLY+14, ZLH+21, EJ03, LOP+13, SC03, TS10].

**engineer** [HDM+08].

**Engineere** [TS10, XLW+22]. Engines [DH97, RCR+21, AOU12, BBMN+08, FPSO06, PSPBY10]. English [ANW17]. Enhanced [AMS20, BR96, MLZ+22a, QZX+20, SQZ+22, YMZ+22].

Enhances [MN+21a]. Enhancing [AZCC21, DXL+22, LDW+17, LLX+22, LZLM19, LZW+20, ZCD06, FSC07].

enrich [CDH+09]. Enriching [KLHK13].

enrichment [SPS+06]. Ensemble [EMS19, ZWL+22].

**Ensembles** [DLN+16].

** Enterprises** [CH96].

**Entities** [LMW+14, ZMK+20]. Entity [CFC+19, LCL+17, LGQL+19, XZZ+22, YHS+12, ZZZ+21, BBD11, LCH07, PTS13].

**Entity-Linking** [CFC+19]. Entropy [MP20, GP00]. environments [ATW00].

**Environment** [AM89, JMSV92, KMK+09, LZ96, SS93, WL97, Cro06].

**Environments** [CFP95, Gu96, CC03, JBCF07, KM13].

Evaluation [BCPN14, CS94, ERG+89, FTZ21, FFM17, Fer17, Gru92, GR95, JMO22, JVA+15, Kon04, LMW+21, LL89, LMDZ20, LZW+20, MMST17, MMCC+21, MMLP97, SZ21, STZ22, SLZ+19, TBC96, TC91, VSS17, VB98, ZGN+17, CJWT9, CL07, GMR09, JKL02, JCFB07, JL06, LSOS06, LZW21].

Evaluations [FZSG21, KFS10]. Event [LLBS18, MSM018, CCC09, LLPT10]. Event-based [LLBS18]. Events [LHG+12, LXLZ16]. every [Gla04]. Evidence [MC14a, UCH03, Gl04].


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Favorite [GCL+21]. Feature [CWZ+20a, CZZ+21, CLM+22, HWN+19, SCG+19, XLW+22, ACS08]. Feature-aware [CZ+21]. Feature-Based [CWZ+20a].

Feature-Level [CLM+22]. Features [LPY94, MAL16, ZZT+21, dODMS20, GBMS99, MSOH]. Feedback [DKA15, DDM97, LPLH19, MHHL1, MHZ16, MCL+12, NSVB18, RK19, RRS95, VHJ11, WC21a, CRG02, CJZ07, JGP+07, WRJV05, ZCD06]. Felicity [KM97]. Few [LLZ+21, ZK20, GMR09]. Few-shot [LLZ+21]. Fidelity [HWD13]. Field [Ack98, PR16, QFZ+19]. figure [GWLC06].

figure-of-merit [GWLC06]. figures
Filtering [AARC20, CCCD19, CLPM20, CDM15, DHY+19, GXTL14, LCX+19, LLZ+21, MNZ19, MMLP97, NTV22, PYC+19, WHL+16, WRLD22, XHW+19, ZLL+20, ZDW+22, DC10, HKTR04, Hof04, HZC04, IH07, TKD09, WdVR08, ZKG08].


First [GCF+22, First-Stage [GCF+22].

Fischlár [LSOS06]. Fischlár-News [LSOS06]. Fish [ABW93]. Fit [FC17, QZX+20, IH07]. FITE [PTKJ07]. Flexible [DC92, HM90, Tom89, ZTM+17, BJ99, SNZY00]. Flow [LLM22].


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generalization [CL03]. Generate [ZSN+22]. Generation [BC14, DLY+22, GCR+21, RCR+21, SLW+20, SWZ+22, ZGF+20, ZGC+22, AL13, CC05, RBV09].


geometrical [CHS99]. geometry [HZSL13].

GeoMF [LZG+18]. Geoparsing [MK16a, MKZPK18]. Georeferencing [VST+14]. Geosemantics [MK16a].


Grammar [BBT92]. Grammar-Defined [BBT92]. Grammars [BK90, RS03].

Grans [Coh97, SHN17]. granularity [YLS+11]. Graph [APCC15, BHL+22, CSR+20, DZX+22, HRY+22a, HRY+22b, LLN22, MAP+22, PCC+22, PCC+22, PBS22, PZD+22, PL94, QHLY20, TLS+22, WZW+19, WI22].
XZZ$^{+22}$, XZH$^{+22}$, YHS$^{+21}$, YMZ$^{+22}$, YHS$^{+12}$, ZSY$^{+21}$, ZLH$^{+22}$, ZCWZ$^{22}$, ZWZ$^{+22}$, ZLY$^{+22}$, ZDW$^{+22}$, HHC$^{+10}$, LWSA$^{10}$, MC$^{10b}$, PH$^{07}$, ZHD$^{+22}$.

**Graph-Based** [APCC15, BLH$^{+22}$, MAP$^{+22}$, ZSY$^{+21}$, ZCWZ$^{22}$].

**Graph-guided** [ZLY$^{+22}$].

**Graph-regularized** [CSR$^{+20}$].

**Graph-walk-based** [MC$^{10b}$].

**GraphHinge** [JDZ$^{+22}$].

**Graphical** [VL90, CF01].

**Graphs** [YMZF22].

**GRAS** [PMPJ11].

**Greedy** [LCL$^{+17}$].

**Green** [Gru92].

**Grounded** [ZKJW22].

**Grounding** [MK16a].

**Group** [ASV91, CSB21, GYC$^{+22}$, OOSC93, TLS$^{+22}$, TkWW99].

**Groups** [LM90, CSJS10].

**Groupwork** [LM90, CSJS10].

**Heterogeneous** [CLPM20, EMS19, FZH$^{+22}$, WLM$^{+21}$, ZLY$^{+22}$].

**GVoS** [JTL$^{+17}$].

**HAL** [YYWLY08].

**Hand** [SZ93].

**Handheld** [BKGM$^{+22}$].

**Handling** [Mye90, PV19, SM95, Owe02].

**Happy** [Mar94].

**Harp** [LL99].

**Harvesting** [SMN$^{+16}$].

**Hash** [FCDH91].

**Hashing** [CJN20, Coh97, ZLZ$^{+22}$, ZHC$^{+13}$].

**HDG** [GPS93].

**heavily** [LHSC11].

**Help** [CE98, VAJR22, Bod04].

**Heterogeneous** [CLPM20, EMS19, FZH$^{+22}$, HCC$^{+16}$, JDZ$^{+22}$, PYC$^{+19}$, SSY$^{+17}$, TLKW16, WWN22, YHS$^{+21}$, ZIW$^{+22}$, ATW00, CGMP99, Leh06].

**HGAT** [YHS$^{+21}$].

**Hidden** [GIS03, IG08, JZ06].

**Hidden-web** [IG08, GIS03].

**Hierarchical** [CSR$^{+20}$, CZX$^{+22}$, CS94, GYC$^{+22}$, ZSD$^{+20}$, 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** [TP05, FPS006].

**History** [LIT$^{+21}$].

**HMM** [CCC90].

**HMM-based** [CCC09].

**Hoc** [DLA22, CGM05, KL09].

**Holistic** [MNP$^{+21b}$].

**Home** [Ols89, UCH03].

**Human** [All91, BHH$^{+16}$, Jac91, NFZ99, SSY$^{+17}$, SZ93, Wil98, ZZZ$^{+16}$, GKL$^{+07}$].

**Human-Computer** [Jac91, SZ93].

**HYB** [BC11].

**Hybrid** [AK18, CML$^{+21}$].

**Hyper** [HCY$^{+20}$, HO07, SM99].

**Hyper-Network** [HCY$^{+20}$].

**Hyper-object** [SM99].

**hyper-parameters** [HO07].

**Hyperbolic** [WLT$^{+22}$].

**Hyperdocuments** [SFR98].

**Hyperedge** [GYC$^{+22}$].

**Hyperperform** [WL97].

**Hypergraph** [CXZ$^{+21}$, WS90].

**Hypergraph-based** [WS90].

**hyperlinks** [KL10, LS02].

**Hypermedia** [BuL95, HLNS98, LZ96, MC94, SLHS93, UY89, WL97, ATW00, BHMW07, dOTM01].

**HyperSoRec** [WLT$^{+22}$].

**Hypspherical** [FLMD22].

**Hypertext** [CE89, GPS93, KL91, Rad92, STSM95, SF89, Tom89, WR98].

**Hypertext-Based** [CE89].

**Hypertexts** [BR92].

**ICF** [CLM$^{+22}$].

**Identification** [AC08, PTKJ07, SSC09].

**Identify** [PHK12].

**Identifying** [BRS92, MJH15, SMGM11].

**identity** [AC08].

**identity-level** [AC08].

**IDF** [SHN17, WLWK08].

**Image** [CLZ$^{+14}$, GR95, NWZC12, SLZ$^{+19}$, VB98, WZL$^{+19}$, CZJ07, EKK99, EKK00, HJZL09, KKS$^{+08}$, TMT06, XLY$^{+22}$, ZCD06, ZRZ02].

**Images** [CCZ$^{+19}$, GR96, dODMS20].

**Impact** [BACF17, MTC21, RABC22, EJ03, SV99, TkWW99].

**Impacts** [JY13].

**imperfect** [Owe02].

**Implementation** [CW94, KEL95, TGL$^{+97}$, WW94].

**Implementing** [DC92].

**Implicit** [DYL$^{+20}$, LZLM19, NSVB18, FKM$^{+05}$].
JGP+07, WRJV05]. Importance [LYN+21].
Imprecise [Mor90]. Improve [HL17, HCC+16, FKM+05, LLC03].
Improved [BBMN+08, CCVR17, CPL15, FMS14, CDH+09]. Improvement [GS91].
Improves [VAJR21]. Improving [CRG02, DYL+20, ES13, HCC+17, MZLK11, MC10b, RBCT14, XCO00, PPGK04].
in-memory [TS10]. Incomplete [KC95].
Inconsistencies [Coo95]. Incorporating [ASST05, MZLK11, MBST17, WZC+17].
Incremental [ADCU08, Can93, SM99, PSPBY10, TM10].
definite [WMZ10]. Independence [DLA22].
dependent [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, SMMG11, WXLC13, ZNL+17, CM10, EKK00, HSS+09, KO98, QZXP06, TKD09, TMT06]. Indices [FR16].
Induced [NCHW15, KL10].
Inductive [FP94, ZYY+21]. Industry [HE91].
Infer [TLKW16]. Inference [Cuma14, HGBY16, KJA20, LHI+19, TC91, WY95, ZZX+16, TL03].
 Infer [SK19].
Inferring [GZW+18, LRZ+17]. Influence [GRSD+16, JMZ22, LLBS18, NGMD17, VFA17, WLFT18]. Influencing [ACC18].
Influential [FZSG21]. Inform [TBCW20].
Information [AM89, AMS20, APCC15, All89, An90a, APJL20, ACC18, BVKS80, BK90, CE89, Can93, CCC+12, CWL+20, CHBS15, Coo95, CV98, Cro98b, CPL15, EMG11, FTZ11, FZH+22, FMS14, FCDH01, FEL22, FAZC12, FP94, FR97, JMSV92, JVA+15, JDZ+22, JSHS96, KMPM21, Koi95, KC95, KC92, Kwo90, Kwo95, LCJ+16, LZM+19, 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, TY22, TLS+22, THT12, TKD09, TL14, VDK21, VJRK18, VSS17, WW94, WY95, YMZ+22, YTD13, ZHY14, ZK20, dR19, ASST05, AV02, BCD+08, BBMN+08, BDD04, CML00, CRNZ+03, CdMRB01, Car12, CGMP99, Co00, CGM02, FG04, GBMS99, HT99, HO07, HZSL13, KmdRS06, KKS+08, KNS04, KO98]. Information [KL09, LBS08, LA08, MR10, MC10a, Me08, MC10b, Owe02, PMPJ11, PPGK04, PH07, PGD07, PSDB99, SS08, TLJ+07, Wl05, WSBC01, XCO00, YLS+11, ZL04].
Information-Seeking [VKD21].
Information-theoretic [Coo95].
Informative [HCC+16]. Ingredients [Coo95].
Inhibition [AC01]. Initiative [VKD21, KKS+08]. Innovation [WBP+16].
Input [CMR91, KMKO92, Mye90]. Insights [GTW+18].
Instability [LMZ20]. Install [ZWL+22]. Integrated [BA18].
Integrating [ASV91, CHS99, CSB21, FC17, MHZ16].
Integration [Bul95, FR97, HE91, IKG93, Co00, GBMS99]. Intelligent [HZZ20, 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-O rganization [HE91]. inter-passage [KKB10]. Interaction [All91, Jac91, JVA+15, JDZ+22, MLK+18, MTC21, SZ93, ZWX+22, CC03].
Interactions [HYH15, ZLWW22, GKL+07]. Interactive [HM90, LMW+14, RPE+18, WC21a, WBB+90, XTF+21, MLG1004, 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, SS99, TM91, Wie92]. **Interfaces**
 [CS94, DC92, KN93, SE91]. **Interleaved**
 [HWD15, 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], **invariants**
 [PH07]. **Inverted** [KNCLO17, MZ96, TM20, ADCU08, BB10, CM10]. **Investigating**
 [SGJ22, TBCW20]. **Investigation**
 [RJB89, RS93, CZ07]. **IR**
 [Fuh99, GP00, JK02, TCMC21]. **Isometric**
 [CCVR17]. **Issue** [BKZWS15, Cro89a, HKS+21, HRY+22a, Kli94, PBJ+16, SL95, WLS+17, BYFM06, LdJKR12]. **Issues**
 [LL89, BSST03, MP03]. **Item**
 [CWZ+20a, DK04, LWP+21, WMZ+21, WLT+22, WQL+19, XYZ+21, XHW+19, YCS+14, ZLL+20, ZCLX+22]. **Item-based**
 [DK04, XHW+19]. **Items**
 [CWZ+20a, HCC+17, LLW+21]. **Itemsets**
 [BCF05, CG91]. **Iterative**
 [XZZ+22, ZWMH19]. **iVIBRATE** [CL06].

**January** [Mar07]. **Job** [QZX+20, SQZ+22].
 **Join** [BF98]. **Joins** [Coh00].
 **Joint** [BLWJ15, CCC19, LNZ+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, Wi98].
 **Judicious** [ZNL+17]. **June** [Mar08b].
 **Justification** [WAL+21].

**Kabiria** [CFP95]. **Keeping**
 [AARC20, BCD+08]. **keyblock** [ZRZ02].
 **keyblock-based** [ZRZ02]. **keyphrase**
 [WX10]. **keys** [HZW02]. **Keyword**
 [GZCC18]. **Keywords** [YD02].
 **Kinematics** [CV98]. **KNET** [CGB+15].
 **Know** [SGJ22]. **Knowledge**
 [AMS20, ACM+02, BWS+17, CFP95, CZX+19, CGB+15, CSZ+22, DLX+22, HQZ+17, HLC+20, MLZ+22b, MBJK90, Ruh94, SSGC89, SYY+17, TSNS19, Tuz95, WZW+19, Wil98, Won94, WNN22, ZWMH19, ZMK+20, ZH17, DD+09, WX10, XC05, YHY00]. **Knowledge-aware**
 [DXL+22]. **Knowledge-Based**
 [CFP95, SSGC89, Tuz95, Won94].
 **Knowledge-Enhanced** [AMS20].
 **Knowledge-Guided** [MLZ+22b]. **Korean**
 [ANW17].

**Label** [ES13, WL22, ZZD+20]. **Labeling**
 [AZK12]. **Lake** [AARC20]. **Language**
 [AAL+20, ANW17, CPL15, GR96, JSHS96, KJA20, MK16b, TL14, Tuz95, ZHW+22, ZGC+22, Coh00, ES98, FBN+12, FG04, KL09, KL10, Owe02, TLJ+07, TFS+12, XHY+09, 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, CO06, EKK00, SFC10, YKH06].
 **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, Ho04, LHI+19, LLBS18, QWZ+15, WXLC13, K098, PR09].
 **Latine** [EMS21]. **lattice** [CSL10].
 **lattice-based** [CSL10]. **Law**
 [PSL16, ZDW+22]. **Layers** [ZSY+21].
 **LCARS** [YCS+14]. **LDA** [ZHD+22].
 **LDA-based** [ZHD+22]. **Leadership**
 [CSB21]. **Lean** [Ruh94]. **Learn** [HSY22].
 **Learned** [PCD92]. **Learning** [AMS20,
AAL+20, AYWM21, ADW94, CZZ+17, CSR+20, CGB+15, CSZ+22, DXZ+22, DMUN19, EMS19, FZSG21, FZH+22, FC17, FB91, FP94, GCL+21, GYC+22, HLL+17, HCC+16, HLC+20, HSYX22, IC16, ISW92, JMZ22, JDZ+22, LWSA10, MC94, MLZ+20, MCL+12, MLZ+22b, NZW+14, NLF+20, PCC+22, PS05, QLNY19, RSD+13, RYC+20, RCZG+10, SC19, SQZ+22, SSY+17, SCG+19, TNSN19, TLKW16, UA22, WNS+17, WC21a, WQL+19, XLW+22, YW15, YLZW21, YLZW22, YE18, YDZXW21, ZZZ+21, ZWR19, ZYY+21, ZLL+22, ZCZW22, ZZZ+18, ZHC+20, ZCLX22, AAGY01, CL03, CS99, HJZL09, LCH07, MS0H13, SC03, GWLC06.

**Learning-Based**
- [SC19, YDZXW21, ZZZ+21].
- **Learning-to-Rank** [IC16]. legacy [LL99].
- **Legal** [YMZ+22]. LegalGNN [YMZ+22].
- **Length** [Na15]. Lessons [PCD92, LWA08].
- **Level** [CLM+22, DCD92, OS96, XZY21, AC08].
- **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]. Lightweight [YLZW22, BFPN10]. likeliness [KT05].
- **Limited** [ZAL+16]. linear [Non13].
- **linear-time** [Non13]. Lingual [EMS19, JTS16, 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]. LikeRec [YLZW22]. load [PSBY10, PSBY10].
- **Load-driven** [PSBY10]. Local [CRNZ+03, CWZ+20a, LQJY19, Row96, SPS17, WNS+17, ZLWW22, XC00].
- **Locality** [dMDSSdA+08].
- **Locality-Based** [dMDSSdA+08].
- **Localization** [CTH+13].
- **Locating** [ZK20].
- **Location** [CS16, LZG+18, MKZPK18, MPT21, WLFT18, WHFG92, YE18].
- **Location-Aware** [CS16, WLFT18]. Log [JTS16].
- **Logic** [Tuz95]. Logical [BTS03, ISL05]. Logical/Physical [ISL95].
- **Logs** [LHG+97, BJ1+07, GNN+10, LOP+13, WZD02].
- **Long** [GCN+19, ZLF+17, TZZ22].
- **Look** [Jac91]. Loos[WC21b].
- **Low** [LJQY19]. Low-rank [LJQY19].
- **Machine** [LPY94, TL14, WLM+21].
- **Making** [EGL+97, OG94, WWD94, BDS04, WLWK08]. Management [AM89, HEA90, MB08].
- **Management** [BA18, GR12, MBST17, MZ08]. Measures [FFM17, Fer17, RJB89, ZS21, FMK+05, KL06].
- **Measuring** [LXZ16, TL03, AV02].
- **Measures** [BACF17, CCZ+19, Mar94, CCC09].
- **Measuring** [MMST17]. Mail [RP98]. Make [CR92].
- **Making** [EGL+97, OG94, WWD94, BDS04, WLWK08]. Management [AM89, HEA90, MB08].
- **Management** [BA18, GR12, MBST17, MZ08]. Measures [FFM17, Fer17, RJB89, ZS21, FMK+05, KL06].
Movie [KEL95, ZSN+22], MR [SGLS93].
MUADDIB [RSG09], Multi-CRC+22, DLZ+22, GCL+21, GC92, JDA+22, LLT+21, LXZ+22, LY+21, LGQL19, LPLH19, MAP+22, PBS22, PZD+22, QFZ+19, SCG+19, XTF+21, YLZW21, ZWR19, ZZD+20, ZLL+22, ZWF+22, ZDW+22, ZZL+22, HL10.
Multi-annotator [ZWRL19].
Multi-Channel [LPLH19].
multi-document [HL10].
Multi-Field [QFZ+19].
Multi-Graph [ZWZ+22].
Multi-interest [CRC+22]. Multi-Label [ZZD+20].
Multi-media [GC92].
Multi-modal [LXZ+22, ZZL+22].
Multi-Modality [GCL+21].
Multi-Objective [PBS22, SCG+19, JDA+22].
Multi-perspective [DLZ+22].
Multi-Relational [PZD+22, ZDW+22].
Multi-Response [YLZW21]. Multi-Sided [MAP+22]. Multi-Stage [LYN+21].
Multi-task [ZLL+22]. Multi-Turn [GCL+21, LTL+21]. Multi-types [XTF+21].
Multi-View-Based [LGQL19].
Multidimensional [CH96, ASST05, QZXP06].
multidisciplinary [Luz12].
Multidocument [MLDGH04, YW15].
Multilevel [MMLP97]. Multilingual [BCFG15, CGB19, JTS16, KMKD92, LZZG21, KSNM10]. Multimedia [CJN20, RR95, ZZL+22, DDH+09, MR10, ZHC+13].
Multimodal [JDA+22, MYHL11, TQH15].
Multiple [Car12, CH96, FC17, FF17, LPY94, MC14a, MK94, NGMD17, SMN+16, WLT+22, Wi98, XZY21, ZLL+22, ACS08, CRG02, GWR99, MSOH13].
Multinuser [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, Owo02].
Natural-Language [GR96, ES98]. Navigation [AKFA15, BBMN+08, MS01].
Near [CHT+13, JTL+17, NGMD17, LHSC11].
Near-Duplicate [CHT+13, JTL+17, HHC+10, LHSC11].
Near-Optimal [NGMD17], nearest [KZP10].
Need [SGJ22, YTD13, LWA08].
Needs [FEL22, KMdRS06]. Negative [Mar94, WC21a, WC21b, WZZ04].
Negotiation [CW94, LWA08]. neighbor [KZP10].
Neighborhood [JDZ+22, PZD+22, WX10]. Nested [PL94].
Nested-Graph [PL94].
Net [SF89]. Nets [OS96].
Network [CXZ+21, DKL+22, GGR22, HCY+20, JZH+22, Kwo95, LLZ+22, LW20, LWP+21, MAL16, QZX+20, SLW+20, XHH+22, YS+17, YMY+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, HGBY16, HE91, HQZ17, LLBS18, MTC21, MLZ+20, PZD+22, QHL20, QFZ+19, RCR+18, SMN+16, TJK16, TLS+22, UH89, VFA17, WL22, WNL+22, XZXZ+22, YZS+17, YHS+21, ZAL+16, ZTM+17, ZLZ+22, ZGC+18, ZDW+22, CGM05, KNS04, RBV09].
Neural [CCCD19, CZZ+20, CXZ+21, DKL+22, DHY+19, HQZ17, KJAZ0, LLX+22, LYN+21, MPT21, PZD+22, QZX+20, QHLY20, QFZ+19, RCR+18, SLW+20, TLS+22, VdRK18, WL22, XHZ+22, YZS+17, YMZ+22, ZHW+22, ZLZ+22].
News [HLL+17, LW20, LXLZ16, LMZ20, MK16a, ZLF+17, LSOS06, SC09, LSOS06].
Next [CSZ+22, LHH+19, XZY21, ZHL+22].
ZLL\textsuperscript{+20}, ZCLX22. Next-Item [ZLL\textsuperscript{+20}, ZCLX22]. Node [WHL\textsuperscript{+22}].

Nodes [MLZ\textsuperscript{+20}, NB97]. Noise [ZWRL19].

Noise-aware [ZWRL19]. Noisy [GTW\textsuperscript{+18}].

Non [DLN\textsuperscript{+16}, BM02, QZXP06].

non-affiliated [BM02]. Non-Oblivious [DLN\textsuperscript{+16}]. non-ordered [QZXP06].

Nonlinguistic [SCL\textsuperscript{+22}]. Nonmatching [Dun97]. nonordered [KZP10].

Nonparametric [YCZ\textsuperscript{+15}]. Nonuniform [HCY\textsuperscript{+20}]. nonverbal [Luz12].

Normalization [Na15, HO07]. normalized [KT05]. Note [Gru92]. Novel [LMW\textsuperscript{+21}, MS01, PRP05, PH07, SSC10].

NSP [WC21b]. number [KFS10]. Numerical [MP20]. Nutrient [YHY\textsuperscript{+17}].

Nutrient-Based [YHY\textsuperscript{+17}].

Object [AM89, GSR96, JSHS96, KBGW91, MT21, MH89, Mos90, Sci89, SÖ90, SM99].

Objective [IC16, PBS22, SCG\textsuperscript{+19}, UA22, JDA\textsuperscript{+22}].

Objects [PL94, Gla04, GL05]. Oblivious [DLN\textsuperscript{+16}]. obtained [PTKJ07].

Occurrences [BK97]. OCR [DM70, TBC96]. October [Cal12]. OED [BBT92]. Office [CFP95, GZC89, PBF\textsuperscript{+89}].

Offline [AYWM21, GZW\textsuperscript{+18}, JMO22, LCY21, TSN19]. Once [NGMD17]. One [CLPM20, PYC\textsuperscript{+19}, IH07, WTS\textsuperscript{+08}].

One-Class [PYC\textsuperscript{+19}, CLPM20]. one-size [IH07]. Online [AYWM21, CP13, CL07, GZW\textsuperscript{+18}, LMDZ20, MCF\textsuperscript{+17}, MCL\textsuperscript{+12}, MNP\textsuperscript{+21b}, TSNS19, ZLWW22, ZAL\textsuperscript{+16}, ZXZL20, ZZH\textsuperscript{+18}, ZLZ\textsuperscript{+22}, CC03].

Ontological [MS04, Open [HZG20, LMW\textsuperscript{+21}, LLN22, MLZ\textsuperscript{+22a}, PYF\textsuperscript{+92}, BHMW07, MPHS03].

Open-Domain [LLN22, MLZ\textsuperscript{+22a}, HZG20, LMW\textsuperscript{+21}, MPHS03]. operators [EJ03, GCT99]. Opinion [FAZC12, GCC12, ACS08]. Opinions [NSK\textsuperscript{+20}]. Opportunities [MJH15].

Optical [FC91]. Optimal [FC91, NGMD17]. Optimality [Row96].

Optimizing [JMD20]. Optimum [Fuh89]. Oracle [NWZC12]. Order [FCDH91, LJHL17, WZW\textsuperscript{+19}, HZSL13].

Ordered [MPM22, QZXP06].

Organization [HE91]. Organizational [Ack98, BB93, KL00]. Organizations [CZ93, OG94]. organized [JDA\textsuperscript{+22}].

Organizing [HDP08]. Orientation [UY89, TL03]. Oriented [AM89, DXZ\textsuperscript{+22}, GSR96, HGY16, HSH90, HWN\textsuperscript{+19}, JSHS96, KL91, KBGW91, SÖ90, WHL\textsuperscript{+16}, ZHZ\textsuperscript{+19}, KL06].

our [BVK08]. out-of-vocabulary [WKF\textsuperscript{+12}]. Outcome [MLK\textsuperscript{+18}]. Outdoor [dODMS20].

OutdoorSent [dODMS20]. Output [KMK09]. Oval [MLF95]. Overview [BKZW15, PBJ\textsuperscript{+16}, THT12].

Packages [Ruh94]. Page [JDA\textsuperscript{+22}, LGRK18, BKGM\textsuperscript{+02}, UCH03].

PageRank [BSV09, KL10, WTS\textsuperscript{+08}, WW10]. Pages [ANW17]. pair [BS12]. Pairwise [YMFZ22, ZMK\textsuperscript{+20}]. Palmtop [FZC93].

Paper [LCP19, ZZD]. Paper-Reviewer [ZZD\textsuperscript{+20}]. paradigm [CDH\textsuperscript{+09}]. paradox [KM13, JMO22].

Parallelism [MK91]. Parallelization [PGW\textsuperscript{+17}]. Parallelized [YHS\textsuperscript{+12}].


Part [HRY\textsuperscript{+22a}, HRY\textsuperscript{+22b}]. Partial [SGJ22]. Partially [LM90].

Participant [LLBS18]. Partitioned [CZ93, LL89, LR96]. Partitioning [ZRT91, QZXP06]. Parts [RK19].

Passage [LYN\textsuperscript{+21}, TM19, KZSD99, KKB10].

Passages [MN\textsuperscript{+21a}, JZ06]. Patent [MC14].

Pathway [UA22]. patient [Luz12]. Pattern [LHH\textsuperscript{+19}, MFF91, VB98, WC21b, CKC07].
Patterns [CHBS15, RN96, IM05]. Peer [CGM02, LLZ+22, THT12, CGM05, KNS04]. Peer-to-Peer [THT12, CGM02, CGM05, KNS04]. people [Tee08]. Perception [WLZW21]. Perceptual [AC19]. Perfect [FCDH91].

Performance [ASSC22, ABW93, BMMC19, Cum14, FKZ19, GH96, LI89, MPH03, NWZC12, RJ89, SKC+12, SK16, TM20, VABR22, BS12, CML00, FPS06, KFS10, PF03]. Permission [WLG+17]. Perseus [MC94]. persistence [PPGK04]. Persistent [Mos90]. Person [LXZ+22, QZX+20].

Person-Job [QZX+20]. Personal [AZCC21, GZW+18, YD22, BCD+08, BBMN+08, BVKS08, HDP08, MK04, MC10b, SS08]. Personalised [LCPD19]. Personalization [YYY+21, ZHD+22]. Personalized [ABCZ21, AC18, DLZ+22, GCN+19, LJHL17, LZLM19, MNP+21b, PLR+22, TLS+22, WZV+22, YHY+17, YDXW21, YDW22, MPS07, XHY09, LLI+21].


Philosophy [DC10]. Phone [Res93].

Phone-Based [Res93]. phrase [WZB04].

Physical [ISL95, WNS+17, YTD13, BSST03]. PIC [GCT99]. PicASHOW [LS02]. Pictorial [MTK92, LS02]. Piggyback [FC19].

Placement [FC91]. places [ZFL+07].

Placing [FGM+02]. Platform [CHN+17].

Plus [SS93]. PocketLens [MKR04]. POI [CSZ+22, JMZ22, LHH+19, QLNY19, ZHL+22, ZLW16]. Point [AC18, LJHL17, RABC22, YCZ+16].


Positive [LPLH19, WC21a, MMCC+21, WZZ04]. Positive/Negative [WC21a].

Poster [EMS21, WKF+12]. Potential [LXZ16, PHK12].


Pre-Filtering [AARC20]. Precision [PGD07, RJB89, RLI94, MZ08]. Predicate [CGP99]. Predict [NSV18]. Predicting [LCJ+16, SKC+12, ZLL+22].

Prediction [CP13, Cum14, FHW+19, LLZ+22, MCF+17, MAL16, MPT21, NWZC12, QFZ+19, SKC16, SMN+16, SYX+17, TZP22, TM20, WLZW21, YZW+17, ZM14, ZMK+20, RSD+13, SC09, WDVR08].

Preference [ABCZ21, CJZ+16, DLZ+22, GCL+21, GGN+19, LZLM19, SZ21, WZW+19, Won94, BMN+08]. Preference-Based [WZZ04].

Preferences [CVS21, DL16, LAL+17, SZ21].

Prefetching [WGD17, FPS06].

Preparing [Leh06]. Presentation [LGRK18, BDS04]. Preservation [GR12].

preserve [CGM02]. Preserving [FCDH91, WWN22]. Pretrained [ZY21].


Probabilistic [AV02, BB10, Coo95, DL16, FB91, FP94, FR97, KSNM10, Kwo90, Kwo95, MHZ16, MO12, PARS22, WLZW21, WY95, ZHY14, ZZZ+16, ZHD+22, GCT99, GP00, WY08].
Probability [CV98, EMS21, FC91, Fuh89, DWLW09].
Probe [WZC+17]. Problem [FLMM91, GGR22, HCZ04, WTS+08, WW10].
Processes [LBC+19, SM95, KL00]. Processing [AAL+20, Can93, KM97, SÖ90, ZLF+17, BS12].
Product [AZBC20, GCN+19, PLR+22, QFZ+19, ZJT16, ZCZW22]. 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].
Proximal [NB97]. Proximity [AARC20, CL19, GCC12, ARSZ03]. Proximity-Based [GCC12]. proxy [HHW01]. proxy-based [HHW01].
PRUM [PGD07]. pruned [BS12]. pruning [AOU12, BB10, MOT11, dMdSsdA+08].
Pseudo [DLA15, 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 [IC16, LCL+17]. Random-Forest-Based [IC16]. Randomise [STZ22]. Randomly [FC91]. randomness [AV02]. Rank [AYWM21, DXZ+22, DMUN19, IC16, MZ08, PYC+19, SCG+19, BM02, DWLW09, LJQY19]. Rank-biased [M208]. Ranked [HCC14]. Ranker [LMDZ20]. Ranking [CBZ11, DXZ+22, DLN+16, FH19, Fuh89, LR96, MPM22, MT21, SMGM11, WHL+16, XTF+21, ZKJW22, ZLY+22, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD09, KSNM10, PZMRN05].
Radically [MLF95]. Random [IC16, LCL+17]. Random-forest-based [IC16]. Randomise [STZ22]. Randomly [FC91]. randomness [AV02]. Rank [AYWM21, DXZ+22, DMUN19, IC16, MZ08, PYC+19, SCG+19, BM02, DWLW09, LJQY19]. Rank-biased [M208]. Ranked [HCC14]. Ranker [LMDZ20]. Ranking [CBZ11, DXZ+22, DLN+16, FH19, Fuh89, LR96, MPM22, MT21, SMGM11, WHL+16, XTF+21, ZKJW22, ZLY+22, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD09, KSNM10, PZMRN05].
[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, LZW+19, TM19, HHC+10, KKB10, KL10, MC10b]. Research [Cro89b, DBCJ21]. Residual [LK20].

Resource [MC14, AAGY01]. Residual [Cro89b, DBCJ21].

GCF FR97, GC92, GCC12, GR95, GR96, GC+22, HCC14, JYM13, KBD89, KC92, Kwo90, LZW+21, LYN+21, LZ96, MMST17, MKF91, MH89, MO12, MZ96, Na15, PAR22, PSL16, RJB99, RR95, Row96, SZ21, SGJ22, SW09, SL95, TBC96, THT12, TL14, TC91, VCI11, Vdr98, VS117, VAJR22, WY95, XLM+22, XTF+21, YLZW21, YC94, YMZF22, ZNL+17, ZHY14, ZLZ+22, ZKK0, ADC08, AV02, BYFM06, CML00, CRGO2, Car12, CSLN10, CC00, Crot6, DM07, EKK99, FG04, GMR09, HO07, HJZL09, HZSL13, HCZ04, KL06, KNS04, KO98, KL09, LBS08, LHS11, LA08, MR10, MLDGH04, Mel08, MZ08, MPMP11, PMD01, PRP05, PH07, PGD07, PL08]. retrieval [SV99, TLJ+07, TKD09, Wil05, WSBC01, XC00, YLS+11, YWYL08, ZL04, ZCD06, ZRZ02, Cro89b]. Retrieval-Based [LLT+21, YLZW21, XTF+21]. Retrieved [FC91, KFS10]. reuse [Tee08]. Review [GCH+19, GCF+22, LLZ+22, LZG21, MMO21, OSV19, ZGC+22, Mar08a].

Review-Aware [GCH+19, LZG21].

Reviewer [ZJD+20, Mar08a], Reviewers [Cal12, dR19, Mar06, Mar07, Mar08b, ACM03]. Reviewing [LK20]. Reviews [CCZ+19, LZJ+20, ZK20]. revision [LBS08]. Revisited [MNW98, FGM+02].


Risk-Sensitive [SCG+19]. RLPS [YDX21]. Road [ZGC18]. Robust [ZCJ20, PPPR13, SZ09, EKK99, GWLC06].

Role [FLMM91, Koi93, Ruh94, WHL+22].


RST-Based [AA16]. Rules [ADW94, CDR21, PTKJ07, WZ04].

Rumors [MK16a]. Rumour [LBC+19].


Sampler [CJM+21]. Sampling [CZZ+20, LZK0, CC01]. Satisfaction [WLZ+19]. scalability [KM13].

Scalable [FZH+22, LZG+18, MWYL01]. Scale [CTH+13, LMDZ20, NGMD17, NL+20, SC19, VFA17, WXLC13, ZNL+17, ZHC+20, CJRY12, VKD21, YKHW06]. Scaling [KEW01, YZM+22]. Scenario [CR92].

scenarios [GFWK04]. Schema [AARC20, RR98]. Scheme [APJL20, LM90, Man97, CW02]. schemes [PS05]. Scholars [Ruh94].

Science [Kli94, NFZ19]. scientific [BM12]. Score [Cun14, SZ09]. scraps [BVK08].

Screenshots [USN+17]. Script [ZSN+22].

SEA [CDH+09]. Seamlessly [LLW+21].

Search [AZBC20, ASSC22, AC16, AC19, BACF17, BMMC19, BKWZ15, CWL+20, CSZ15, CHBS15, CCVR17, CLZ+14, DH97, FEL22, GS91, GCN+19, Guy18, HYH15, HKS+21,
JTS16, KMPS21, KC15, LGRK18, LZX+22,
LYS+17, LCY21, LHG+12, LCL+17,
LMZ+19, LZW21, LMW+14, MT21,
MLK+18, MBST17, MCL+12, MK16,
NTV22, NWZC12, NFZ19, PLR+22,
RBCT14, RCR+21, RPE+18, STZ22,
SLZ+19, SSGC89, TBCW20, USN+17,
VKD21, VADJR21, WLY+14, WLS+17, WA22,
WH15, WDG17, WZL+19, YGZ15, YDXW21,
YDW22, YCZ+15, ZTM+17, ZZZ+21,
ZHD+22, ZML+19, AOU12, ARS203,
ACM+02, AL13, BBD11, BC13, BBMN+08,
BM12, CZJ07, CJRY12, CDZ08, CGM05,
EJ03, FPG06, FGM+02, FKM+05, HSS+09,
HHC+10, IH07, JBF07, JGP+07, KM13,
KKB10, Lei06, LS02, LWA08, LOP+13,
MPS07, PSCPB10, SC03, Tee08, TS10,
WH09, XHY09, ZHC+13, dMdSdA+08.
Searcher [TBCW20, UA22, WRJ05].
searches [GKL+07]. Searching
[Man97, ZNL+17, KZP10, LDJKR12, LLC03,
SNZBY00, MC06]. Secondary [MNZ19].
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]. Selection
[AZCC21, DXL+22, HWN+19, LIT+21,
MC14b, PHK12, PZD+22, SCG+19, ACS08,
CC03, Fuh09, HT99, IG08, PF03]. Selective
[KC15, LGRK18]. Selectivity [BF98]. Self
[BF98, JDA+22, MZ06, CGM05, FBN+12,
PR09]. self-correlation [PR09].
selves-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].
semantics [MR10]. Semantics
[SF89, WR98]. Semi [MP20, YHS+21].
Semi-Static [MP20]. Semi-supervised
[YHS+21]. Semiconductor [HE91].
semidiscrete [KO98]. Semi-supervised
[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,
HQZ17, LZG21, ZH17, dODMS20].
Sentential [FAZC12]. September
[Cal12]. sequence [KT05]. Sequences
[HCC14, Zob06]. Sequencing [CR95].
Sequential [CRC+22, CSZ+22, FZSG21,
HSYX22, PLR+22, RN06, WC21a,
WMZ+21, WC21b, 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, JBF07]. Session
[CML+21, PCC+22, PCCC22, QHLY22,
RBCT14, SGJ22, YGZ15, QHLY20].
Session-Based
[QHLY22, PCC+22, PCCC22, QHLY20].
Sessions [SE91]. Set
[PZMRN05, CM10, GM09]. Set-based
[PZMRN05]. setting [HO07]. Shallow
[TM19]. Shards [FKS99]. Shared
[IKG93, KBGW91, LM90, ZH17]. sharing
[BDC+08, SS08]. Shell [VFA17]. Shifts
[HE91]. Short [GCN+19, LDW+17,
LRZ+17, LYS+17, YHS+21, ZLF+17].
Short-Term [GCN+19]. Shortening
[BBT92]. Shortest [CC00]. shot
[LLZ+21]. Shots [BA18]. Should [STZ22].
Sibyl [CTM12]. Side [FMS14]. Sided
[MAP+22]. SIGIR [Cro89b]. Signal
[CDM15]. 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, YMFZ22, ZLL+20, ZTM+17, AC08, ARSZ03, Coh00, EKK99, GGMW03, MC10b, SPK11, WMZ10]. Simple
[LYLS22, OOSC93, PCD92]. Simpson
[JMO22]. Simulating [WA22]. Simulation
[SGLS93, VHJC11]. Simulation-Based
[VHJC11]. simulations [WRJV05]. singer
[SSCT09]. Single [Kwo90, WX10]. Site
[AKFA15, IM05]. Sites [AKZ12, ZLL+22]. Size
[MT21, IH07]. Sizes [FKS19]. Sketches
[MNZ19]. skewed [SV99]. skipping
[ADCU08]. Small [MC14b]. Small-Document [MC14b]. SMAPH
[CFC+19]. smart [BSST03]. smoothing
[ZL04]. Snippet [BC14]. Social
[CP13, CLZ+14, DCT+17, FC17, FMSS14, HHBY16, KI94, VST+14, LZ+22, LLX+22, LLBS19, LW20, LBC+19, MZLK11, Mar94, MJH15, MTC21, MK16a, MKZPK18, MAL16, NGMD17, NZ+14, PBJ+16, QWZ+15, RN96, SMN+16, TLKW16, WZC+17, WLFT18, WLT+22, YS+17, YTD13, ZAL+16, ZLL+22, ZWZ+22, ZZZ+16, ZHC+20, ZY21, ZDW+22, CDR10, KL00, LLPT10]. Social-aware [WLT+22]. Social-Sensed [CLZ+14]. societies
[GFKW04]. Society [WW94]. Soft
[CKC07, TQH15]. Software
[Ko03, MR92, Tuz95, ATW00]. Solutions
[NGMD17, TY22]. Solving
[FLMM91, WTS+08]. Some [Coo95]. Sorted
[NTV22]. Sorting
[NCHW15, Non13]. Sound
[GTW+18, PTL08]. Soundness [HWD13]. Source
[VAJR22]. Sources
[VST+14, LZX+19, MC14a]. Space
[CMR91, IKG93, MHZ16, QZXP06, SPK11]. space-partitioning-based
[QZXP06]. Spaces [VdRK18, ARSZ03, GFWK04, KZP10, QZXP06]. spam
[CL07, ZKG08]. Sparse
[WZC+17, ZHC+13]. sparsity [HCZ04]. Spatial [BF98, GR95, Ko93, YCS+14, ZGCC18, ES08, EKK99]. spatio
[PMD01, TP05, LLPT10]. spatio-temporal
[PMD01, TP05, LLPT10]. Spatial
[JMZ22, MK16a, QLNY19]. Special
[BKWZ15, Cro89a, HKS+21, HRY+22a, HRY+22b, KI94, LdJKR12, PBJ+16, SL05, WLS+17, 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]. SPEX
[LLX+22]. Spidering [FAZC12]. Spoken
[Gu18, VAJR21, CSLN10, CTM12, TFS+12, WKF+12]. Spreadsheet [ISL95]. SSD
[WLY+14]. SSD-Based [WLY+14]. Stability
[AZ12]. Stage
[GCF+22, LYN+21, Na15]. Standee
[LBC+19, ZY21]. Standards [Gru92]. STARRec
[MJZ22]. Start
[HCC+16, SZZ+17, HSYX22, LLW+21]. statechart [dOTM01]. statechart-based [dOTM01]. Static
[AOU12, MP20, BB10, GL06]. Statistical
[CSLN10, TL14]. Car12]. statistics
[CFG02]. 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
[WW94]. 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, LZX+19, MH89, NB97, SF89, GGMW03, HZW02, LM01, Luz12]. Structured
[BB93, GCZ89, JDZ+22, WR98, BDS04, Cro06, LL99, PGD07]. Structures
[CZX+22, TGL+97, TM19, BHMW07, GFWK04]. Structuring [ISH93].

Students [HLC+20]. studies [MC10b, WH09]. Study
[Ack98, CV98, FKS19, MLP22, VHJ11, WW94, WLY+14, ZL04]. Studying [KM13].

Styles [WAL+21]. stylometric [AC08].


Summarisation [AKFA15]. Summarization [BZCE22, CGB19, MSMO18, WH09].

Survey [CLPM20]. SVM [HIJL09]. SWIM [VFA17]. Swipe [NSVB18].

Surface [KL00]. surrogates [KKS+08].

Support [AVS91, KM97, MK16a, TkWW99, TMT06].

Supporting [ATCG10]. Bul95, HYH15, KBGW91, RSG09].

Table [CS94, BM12]. Tablets [NSVB18].

Tactics [SSGC89]. TAE [SS93]. Tag [ZHC+20]. Tagging [CP13, NLF+20, ZLY+22, SSS11]. Tags [MO12, NZW+14]. Tail [HCC+17].

Tailorable [MLF95]. Talent [QZX+20].

Tank [ABW93]. Target [AZCC21, ACC18, WLM+21].

Target-guided [WLM+21]. Targeted [ZN+17]. TASC [TQH15]. Task [ABW93, CR92, CWL+20, JVA+15].

Task-Artifact [CR92]. Task-Based [JVA+15]. task-dependent [CRD10].

Task-Oriented [ZHZ+19]. Tasks [HYH15, SC19, TY22].

Taxonomy [CC05, YHYO01]. team [Luz12].

Techniques [Jac91, RRS95, SW90, CDZ08, HCY01, JK02].

Technological [OG94]. Technologies [HR+12a, HR+12b]. Technology [LK20, MR92, OG94, RP98, ZJT16, ZK20].

Technology-Assisted [LK20, ZK20]. Tell [NSVB18]. Telos [MBJK90].

Temptar [Tuz95]. Temporal [CL19, FHW+19, JD07, MSMO18, Tuz95, WMY+21]. Temporal [OC05, YHYO01]. team [Luz12].
Tendency [SMN16]. Tensor [LCJ16, LJHL17, LCJ19]. Tensor-Based [LCJ16, LCJ19]. Term [BLWJ15, DLA22, GCN19, LYN21, ZHY14, AOU12, BS12, CRG02, CZJ07, H007, PR09, TFS12, WKF12, WLWK08]. Term-Independence [DLA22] 

Trust-Oriented [HGBY16]. Trusting [ZKG08]. Trustworthy [Gla04, GL05].

HGBY16, MK16a, PBJ+16, ZM14].

Trust-Oriented [HGBY16]. Trusting [ZKG08]. Trustworthy [Gla04, GL05].

tunable [BS12]. Tuning [PSPB10]. Turn [GCL+21, LTT+21]. Tweet [CL18, FC17, AL13]. Tweets [CL19, JYM13, MPT21]. Twitter [NSK+20, YCZ+15]. Two [Na15].

Two-Stage [Na15]. Type [LM90]. Typified [Guy18]. Typified-in [Guy18]. Types [CWL+20, XTF+21].

UAN [HSH90]. Ubiquitous [HSH93].

Ukkonen [BR96]. Unbiased [AYWM21].

Uncertainty [LXLZ16, Mor90, ZLW16].

Understanding [BACF17, FELZ11, HYH15, NFZ19, RBCT14, UA22, WLG+17, ZJT16, XXLZ19].

Unexplored [CJZ+16]. Unidraw [VL90].

Unified [BKL10, WDVR18]. Unifying [GCL+21, LLW+21, WNS+17]. Universal [USN+17]. unlabeled [BJL+07, ZCD06].

unseen [LCH07]. Unstructured [MLZ+22].

Unsupervised [AMS20, APCC15, CJZ09, SWZ+22, VDKR18, YE18].


Urban [WZC+17, WLZW21, dODMS20].

Urnm [CPL15]. usability [HHWL01]. Usage [VHJC11, FSP00]. Usage-Based [VHJC11]. Use [CW94, CWL+20, Jac91, LM90, WLG+17, ARSZ03, LLC03]. Useful [BRS92].

User [ABZC21, ACC18, BACF17, CJS+16, CL18, CHBS15, CDR21, DC92, DCT+17, GCL+21, HSH90, HRY+22a, HRY+22b, HCC+16, HM00, LSOS06, LCPD19, LRZ+17, LAL+17, LWP+21, MR92, MLK+18, MYHL11, MBST17, MAL16, MCL+12, MNP+21b, NSV18, Pa15, PC92, QFZ+19, SZ21, SCL+22, SE91, SS93, WZV+19, WMZ+21, WHL+22, WLT+22, WZL+19, XHYY09, YE18, YCZ+16, ZWE+22, CZJ07, CC03, DEL+00, KFS10, MSR04, PGD07, WNZ02]. User-Item [WQL+19]. User-Oriented [HSH90].

user-specific [DEL+00]. Users [HCC+17, LLW+21, LLM22, LPY94, YCZ+15, ZHC+20]. Using [AZK12, APCC15, APJL20, BE98, BMCC19, CE99, CGB+15, DH97, EMG11, FKS19, HL10, JDA+22, VST+14, LCPD19, NSV18, NCZG14, RS93, Row96, SKC16, TSNS19, TM20, Tuz95, VSS17, X9C8, ZZD+20, dODMS20, ASST05, ADCU08, BJL+07, BM02, BKG+02, CML00, CCC09, Coh00, JZ06, KL10, LPLH19, PRP05, PH07, RBV09, SC09, SZ09, WNZ02, WRJV05, X13, ZCD06, Zob06]. Utility [DXZ+22, CSJS10]. Utility-Oriented [DXZ+22]. Utilizing [KKB10].

validation [CJRY12]. Valuable [MJH15].

value [MLDG04]. valued [ZHW+22].

Variants [XC98]. Variational [CWZ+20a, FLMD22, WZW+22].

Variations [BMMC19]. variety [CML00].

Vector [VDKR18, PZMRN05, TMT06].


Vertical [SBM+17, WC21]. very [BJL+07].

Via [MP20, AK18, BLWJ15, DLZ+22, DHY+19, FZH+22, GS91, HZSL13, LJJH17, LHH+19, LXZ+22, LG+18, LLM22, LCL+17, LZG19, LWP+21, NLF+20, SM+16, YLZ19, ZLZ+20, ZM14, ZLY+22, ZLY+22]. Video [AOK14, BA18, Bu95, 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, LHS11]. View [LGQ19].

Viewpoint [JVA+15]. Viewport [ZML+19].

Views [Koi95, LM90, AOU12]. Virtual
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Vocabulary [Sav12, ZMK+20, WKF+12].


Visualization [Koi93, CL06]. visualization-based [CL06].

Vocabulary [Sav12, ZMK+20, WKF+12].


Visualization [Koi93, CL06]. visualization-based [CL06].

Walk [LCL+17, MC10b]. Wardrobe

[PBS22]. wavelet [PRP05]. Weak [KSVS16]. Wearable [FC17]. web [HHWL01, IG08, SPS+06, dMdsdA+08, ACS08, AZK12, AKFA15, ANW17, AOU12, BACF17, BJL+07, BLWJ15, BKG+02, CRN+03, CC05, CFC+19, EJ03, FPSO06, FKM+05, FP00, GL+07, GIS03, Guy18, HYH15, HHC+10, IM05, JDA+22, JGP+07, KEW01, LS02, LHG+12, LCL04, MRYGM01, PPGK04, RSD+13, RBCT14, STZ22, SPKW11, TM10, VAJR21, WH09, WH15, ZHD+21]. Web-based [CC05].

web-query [SPS+06]. WebQuilt [HHWL01]. Weight [LR96]. Weighted [BCFG15, PARS22, VFA17, DFWL09].


Window [VAJR22]. Windowing

[KMKO92]. Without [OOSC93, CZZ+20, KL10]. witness [Gla04].

Word [BKR97, CGB+15, FBN+12, HCC14, LDW+17, SHN17, XC98, YDW22, Coh00, HZSL13, SNZBY00]. Word-based [FBN+12, Coh00]. Work [KM97, MLF95, Mar94, Ols89, Ruh94].

Workers [SC19]. Working [AC19].

workloads [CML00]. Workspace

[IKG93, Non13]. World

[GPW+18, ZLW16, PPGK04]. Worlds

[ABW93, FG93, WNS+17]. Writeprints [AC08]. Writing [TWLX18].

X [COR13]. X-Class [COR13]. XIRQL

[FG04]. XML

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