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].


100-year [Gla04, GL05].


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

5s [GFWK04].


actions [YHYO01]. Active [CZS+17, WHFG92, DEL+00, HJZL09]. Activities [LAL+17]. Activity [CHBS15].
LWP+21, YHS+21, APJL20.
Auction [APJL20]. Audio [HSH93]. augmented [BM12]. Augmented [ZH+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]. Auto-Completion [CRD16, VAJR21]. Automa [SFR98].
Automated [ADW94, KM97, S CCT09].
Automatic [BJL+07, GS91, LW M+21, PBF+89, RBV09, CDMRB01, GWR99, GIS03, LOS06, LWA08].
Automatically [ZZH+18, YKHW06]. AutoWeb [FP00].
Auxiliary [DYL+20, LDW+17].
Availability [ZLW16]. Aware [AC18, BWS+17, CWZ+20b, CS16, GXTL14, GCH+19, LJHL17, LXW+17, MJH15, TQH15, WQL+19, YZW+17, ZGCC18, AZCC21, CXZ+21, IG08, LZWG21, WLFT18, YCZ+15, ZWRL19, FFM17]. AZFin [SC09].

Badge [WHFG92]. balance [PSBPY10].
Bandits [JMD20]. Base [ZMK+20]. Based
[APCC15, AKFA15, AK18, AOK14, AA16, BCFG15, BC14, BA18, CGB19, CE89, CFP95, CW94, CWZ+20a, CDM15, EMG11, Fuh89, GPS93, GCC12, GR96, IC16, JVA+15, Koi95, Kwo90, LCJ+16, LPY94, LCL+17, LGQL19, LCJ+19, NWZC12, PPR13, PGW+17, PR16, QNY19, QFZ+19, Res93, SC19, Sav12, Szes17, SE01, SSGC89, SF89, SFR98, SLW+20, TBC06, Tuz05, VHJ11, WLY+14, Wuo94, XC98, YW15, YC94, YHY+17, YDXW21, ZZZ+15, ZZZ+16, dMdsda+08, ADCU08, AV02, BBD11, CC01, CDH+09, Car12, CJOJ07, CL06, CCC09, CSLN10, CC05, Coh00, DK04, DDH+09, EKK99, EKK00, FBN+12, FCD02, FG04, HHWL01, HHC+10, IH07, JK02, KNS04, LBS08, LLBS18, Lin07, LHSC11, LLZ+21, LZWG21, MPS07, MC10b, Owe02, PTKJ07, PZMRN05, QZXP06, QHLY20, SZ21, SZ09, TM10, WS90, WMJ05, XHW+19, YKHW06, ZST+21, ZSY+21, ZKG08, ZR02, ZK20, dOTM01].
Baseline [AA16]. Baselines [KSVS16].
Bases [ZWHM19]. basic [TS10]. Basis [RL94, Mel08]. Basket [WC21a]. batch [HJZL09]. Bayesian
[LCJ+19, SLW+20, YCZ+15]. Be [FC17].
Behavior [AC16, HL17, LHH+19, LCPD19, LMZ20, MBST17, OS96, SSV+17].
Behavioral [RSD+13]. Behaviors [YCZ+16]. Behaviour [BACF17, SBM+17].
Belief [WH15, ZM14, LBS08].
belief-revision-based [LBS08].
Benchmarking [AOK14, WSB01].
Beneath [KL00, PR04]. Bennett [Gru92].
Bennoulli [LA08]. Best [MAL16, SW90].
Best-Match [SW90]. between [MTKY92].
Bias [FN96, MMCC+21, PHK12]. biased
[MZ08]. Biases [WH15]. Bidirectional
[MTKY92, ZLL+20]. Big
[DCT+17, SSV+17]. Billion [ZNL+17].
Billion-Scale [ZNL+17]. Binary [MNZ19].
biomedical [YKHW06]. Block
[CWZ+20b, CHS99]. Block-Aware
[CWZ+20b]. Blocks [FC91]. blogosphere
Boolean [CGMP99]. Boosting
[BMMC19, CJC+16, FPS006, CBZ11].
BoRe [LMZ20]. both [WZ04]. Bots
[MTM21]. bound [MOT11]. Bounded
[HSS+09]. Brand [LZW+20]. Breaking
[MK16a, SC09]. broadcast [LWS06].
Broker [TGL+97]. Brotil [AFF+19].
Browse [LMW+14]. Browse-to-Search
[LMW+14]. Browsing [CS94, SF89, SFR98, Yan15, BKG+02, MC06]. Budget
[ZAL+16]. Budgets [NGMD17]. Building
[DWLW09, HZG20, MRYGM01, RP98, VL90, WW94]. Burst [HZW02]. business
Danish [ANW17]. Data
[AFF+19, AARC20, Coh00, DYI+20, FC17, GC92, VST+14, MTKY92, NFZ19, QFZ+19, SLHS93, SSY+17, SYX+17, TGL+97, Tom89, WZC+17, WS90, ZWRL19, ZZZ+16, BGQT07, BJS99, CDF01, CMG02, FPSO06, HZW02, KZP10, PSDB99, QZXP06, ZCD06].

Database [BBT92, FR97, ISW92, KBGW91, KN93, SÖ90, Tom89, VB98, BFF+03, CC03, Fuh99, IG08]. Databases
[CH96, KBGW91, KC95, MK94, NB97, BSS03, CC01, EK99, EK00, GWR99, GIS03, KZSD09, LL99, MS01, SSSCT09].

Datasets [PV19, CL06]. DBpedia [KN93]. DBpedia-Based [LCL+17]. dead [Gla04]. Debiasing [XZL20]. Decaestecker [EMS21].


decisions [WLW08]. Decomposition
[VFA17, KO98]. Decoupled [SGLS93].

Deductive [KC95]. Deep
[AAL+20, FZSG21, IW20, LLZ+21, LZZ21, LJC+19, RCC+18, SSY+17, SLW+20, TM19, XHH+19, YW15, dODMS20]. DeepMob
[SSY+17]. Defined [BBT92], definitional [CKC07]. Delay [GC92], delivery [LSOS06]. Demographic [DCT+17].

Dependable [DC10]. dependencies [BSV09].

Dependency
[BLJ15, QWZ+15, YW15]. dependent
[CDR10, MSO13, TFS+12]. Derivation
[GH96]. Deriving [LAL+17]. Descriptive
[GR96, NZW+14]. Design
[BB03, CMR91, CR02, CW94, ERG+89, GPS93, GR05, ISW92, IKG93, LL99, Mos90, OOS90, PBF+89, SR93, WLY+14, AAGY01, BSS03, FCD02, GWL06, 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
[AOI14, BA18, CSR+20, CTH+13, LW20, MTC21, MCF+17, QWZ+15, TQH15, WNW+21, ZJT16, ZZL+21, ZY21, Zob06, AC08, CCC09, CFGM02, TFS+12, WKF+12].

Developing [WBB+90]. Development
[Cro89b, GR92, RN96, SS93, WL97, ATW00, FP00]. Device [HYH15, RSG09].

Devices [AK18, CM91, WLS+17, ACM+02, BKGM+02]. DEye [WLZW21].

Diagnostic [FTZ11]. Dialog
[GCL+21, HZG20, CDH+09]. dialog-based
[CDH+09]. Dialogue [LMW+21, YZJ+19].

Dictionary [LPY94]. Difference [JYM13].

Different [CWL+20, LM90, IH07].
nearmaply [TkWW90]. Difficulty
[ZZH+18]. Diffusion [GRSD+16]. Digital
[CDM15, EHL+97, GR12, M021, SMG01, WBP+16, AF07, Gla04, GL05, GFWK04]. Dimension
[ACC18, DYY+19, Ko93]. Direct
[HSH90, WKF+12, MK94]. Directed
[ZHC+20]. Directly [Man97], directory
[GK+07], DirichletRank [WTS+08],
disambiguating [YKH06].

Disambiguation [MKZPK18, SG14].

Discovering [LOF+13, ZFL+07].

Discovery [JTS16, OS918, AAGY01, KKS+08, LL1010, XCO5], discrete
[KZP10, PRP05, QXP06]. Discriminative
[QWZ+15]. Discs [FC91], discussions
[Luz12], Display [Ko95]. Displays [HM90].

Distillation [CZC+19]. Distorted
[BV98].

Distributed [CH96, HEA90, KEL95, KBBGW91, KNS04, CML00, DDH+09, KM13, LL99, MRYGM01, RSG09]. Distribution
[Cum14, HCC+17, LC20]. Distributions
[PYL16, SV99, XCH13]. Distrust [FMSS14].
divergence [AV02], Diversification
[HY20, LYS+17, MSM018]. Diversifying
[CRD16]. Diversity
[RBCT14, SZ21, WZL+19, ZLW16]. DNA
[KT05]. Document
[ABB+15, CGB19, CFP95, CMM15, Cum14, CPL15, DMUN19, FB91, Kwe90, LR96, LCX+19, LLZ+21, MC14h, MK16b, Na15,
Document [Bie92, BCPN14, Bu95, COR13, Dm97, GZC89, KLI13, VST14, LK20, SMGM11, TSNS19, ZK20, CTM12, FCD02, KFS10, TG10].

Documents [Fer17, IH07, MLK, ZGCC18, HZW02, KT05, PMPJ11, CZX18, VL90, ZH17, CC03, GGMW03, HZG20, LMW+21, MFP03, 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, ZGF+20]. Dual-factor [ZGF+20].

Duplicate [CTH+13, JTL+17, CFGM02, HHC+10, LHSC11]. durable [GL05].

During [CHBS15, MK16a]. Dynamic [AZBC20, BR96, BFNP10, Can93, Cro06, HLC+20, LRZ+17, WLFT18, WMZ+21, ZRT91, JBCF07, LLCO3, MOT11].

Dynamics [NSK+20, WH15, RSD+13].

E-Commerce [GCR+21]. E-Discovery [OSV19]. Early [CC03, LW20]. Earthquake [ZZL+21]. Editor [OOSC93, Zha21].

Editor-in-Chief [Zha21]. Editorial [All89, All91, All94, Cro89a, Cro91, FG93, LH94, MR92, MS93, Mar08a, Zha21].

Editors [VL90]. Effect [Dun97, FKS19, YTD13, CDR10]. Effective [CS16, KC15, LMD20, MCF+17, PPR13, MWYL01, PMPJ11]. Effectiveness [JYM13, MBST17, TBC96, IH07, MZ08, SV99, XCO0]. Effects [ABCZ21, AC16, AC19, CWL+20, KFS10, Mar94, VHJC11, WMZ+21, ZXZL20].

Efficiency [HWD13]. Efficient [BC13, BC14, BA18, BCPN14, BKGM+02, CZX+19, CZZ+20, CJW+21, CTH+13, CM10, EKK00, KZSD99, KZP10, KC15, Row96, SC19, TGL+97, WZZ04, YHS+12, ZGCC18, HZW02, KT05, PMPJ11, PZMRN05, SSCT09].

Electricity [PR16]. Electronic [KM97, Mar94, RP98, HDPM08, Mar08a]. Element [WC21b, Cro06]. Elias [PV17].

ELSA [CGB19]. eludes [BVKS08]. email [CHS99, EBR08, ZKG08]. Embedded [Bu95]. EmbeddedButtons [Bu92].

Embedding [AZBC20, CGB+15, DHY+19, HCY+20, NLF+20, ZSY+21, PTS13].

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


Employer [LZW+20]. Emulators [GR12]. encapsulation [ACM+02]. Encoding [HQZ17, GL05].


engineer [HDPM08]. Engineering [TS10].

Engines [DH97, AOU12, BBMN+08, FPS06, PPSBY10]. English [ANW17]. Enhanced [AMS20, BR96, QZ+20].

Enhances [MNP+21]. Enhancing [AZCC21, LDW+17, LZLM19, LZW+20, ZCD06, FSC07]. enrich [CDH+09].

Enriching [KLIK13]. enrichment [SPS+06]. Ensemble [EMS19]. Ensembles [DLN+16]. Enterprises [CH96].

Entities [LMW+14, ZMK+20]. Entity [CFC+19, LCL+17, LGQL19, YHS+12, ZTT+21, BBD11, LCH07, PTS13].

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

environments [ATW00]. Environment [AM93, JSV92, KMKO92, LZ96, SS93, WL97, Cro06].

Environments [CFP95, GALL96, CC03, JBCF07, KM13].

Envoy [PYF+92]. equalizing [TKW99]. equivalents [PTK07]. Error [DM07, MPS03].

escalation [WH09].


ZGCC18, HZW02, KT05, PMPJ11, PZMRN05, SSCT09}. Efficiently [PV19]. Electricity [PR16]. Electronic [KM97, Mar94, RP98, HDPM08, Mar08a]. Element [WC21b, Cro06]. Elias [PV17].

ELSA [CGB19]. eludes [BVKS08]. email [CHS99, EBR08, ZKG08]. Embedded [Bu95]. EmbeddedButtons [Bu92].

Embedding [AZBC20, CGB+15, DHY+19, HCY+20, NLF+20, ZSY+21, PTS13].

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engineer [HDPM08]. Engineering [TS10].

Engines [DH97, AOU12, BBMN+08, FPS06, PPSBY10]. English [ANW17]. Enhanced [AMS20, BR96, QZ+20].

Enhances [MNP+21]. Enhancing [AZCC21, LDW+17, LZLM19, LZW+20, ZCD06, FSC07]. enrich [CDH+09].

Enriching [KLIK13]. enrichment [SPS+06]. Ensemble [EMS19]. Ensembles [DLN+16]. Enterprises [CH96].

Entities [LMW+14, ZMK+20]. Entity [CFC+19, LCL+17, LGQL19, YHS+12, ZTT+21, BBD11, LCH07, PTS13].

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

environments [ATW00]. Environment [AM93, JSV92, KMKO92, LZ96, SS93, WL97, Cro06].

Environments [CFP95, GALL96, CC03, JBCF07, KM13].

Envoy [PYF+92]. equalizing [TKW99]. equivalents [PTK07]. Error [DM07, MPS03].

escalation [WH09].

GRSD+16, LXLZ16, MTC21, SKC+12.
Evaluating [ABW93, CML00, FKM+05, GR12, HKTR04, JGP+07, MC94, WRJV05].
Evaluation [BCPN14, CS94, ERG+89, FTZ11, FFM17, Fer17, Gru92, GR95, JVA+15, Kon04, LMW+21, LL89, LMDZ20, LZW+20, MMST17, MMCC+21, MMLP97, SZ21, SLZ+19, TBC96, TC91, VSS17, VB98, ZGN+17, CRY12, CL07, GMR09, JK02, JBCF07, KL06, LSOS06]. Evaluations [FZSG21, KFS10]. Event [LLBS18, MSMO18, 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]. Examining [KSVS16].
Example [YC94, TFS+12].
Example-Based [YC94]. Examples [KLHK13, BBD11].
Exception [SM95].
Exceptions [SM95].
Expansion [CdMRB01].
Expectations [MBST17].
Expected [OVS19, CL03, DWLW09]. Experience [BBT92].
Experiences [DH97].
Experimental [WLY+14]. Experiments [Kwo90, MLF95, Car12, GM909, IKG93].
Expert [ASV91].
Expertise [MLK+18].
Experts [PHK12, BM02].
Explainable [AZBC20, CCZ+19].
Explanation [KJA20, Mar94].
Explanation [Gul96].
Explanations [TBCW20].
Explicit [EMG11, FMSS14, MSMO18].
Exploiting [CL18, FFM17, GGMW03, GNN+10, MKF91, QHLY20, TL14, WX10, ZL+21, FPSO06, TLJ+07].
Exploration [LMD20, Lin07].
Exploratory [CS04, HYH15, HL17, LMW+14, MLK+18, RPE+18].
explorer [XC05].
Exploring [CCC+12, EBR08, PHK12, SPK11, WZW+19].
Expressive [KM97, SW94].
Extended [YWYL08, KL06].
Extending [DEL+00, GSR96].
Extensible [AM89, KL91].
Extension [BR96, GWR99].
External [CZX+19, NCCG+14, NCHW15, TSNS19].
Extra [ACC18].
Extra-Topical [ACC18].
Extraction [CSJS10, JZ06, MKZP18, PR16, RL94, MC10a, WX10].
Extractive [RCR+18].
Eye [Jac91].

Facet [LWA08]. Faceted [MT21, NFZ19].
Facility [MK94].
factoid [CTM12, Lin07].
Factor [NFZ19].
Factorization [CZZ+20, FMSS14, LIJHL17, LZG+18, LPLH19, SZS17].
Factors [ACC18, FZSG21].
Fake [AZK12, LW20].
False [MMCC+21]. False-positive [MMCC+21]. Family [DWWL09].
Fano [PV17].
Fast [ABB+15, AL13, BC11, DLA15, DLN+16, Man97, MZ96, SNZBY00, WZB04, ZTM+17, CFGM02, HZWO2, ZHC+13].
Favorite [GCL+21].
Feature [CWZ+20a, CXZ+21, HWN+19, SCG+19, ACS08].
Feature-aware [CXZ+21].
Feature-Based [CWZ+20a]. Features [LPY94, MAL16, ZZT+21, dODMS20, GBMS99, MSOH13].
Feedback [DLA15, DUN97, LPLH19, MYHL11, MHLZ16, MCL+12, NSV18, RK19, RRS95, VHCJ11, WC21a, CRG02, CZ07, JGP+07, WRJV05, ZCD06].
Felicitous [KM97].
Few [LLZ+21, ZK20, GMR09].
Few-shot [LLZ+21].
Fidelity [HW13].
Field [Ack98, PR16, QFZ+19].
figure [GWLC06].
figure-of-merit [GWLC06].
figures [BM12].
File [CZ93, Man97].
Files [LL89, LR96, MZ96, ZRT91, ACDU08, BB10, HPD08].
filter [AL13, CL07].
Filtering [AARC20, CCCC19, CLPM20, CDM15, DHY+19, GXTL14, LCX+19, LLZ+21, MNZ19, MMLP97, PYC+19, WHL+16, XHW+19, ZL+20, DC10, HKTR04, HOF04, HZC04, IH07, TKD09, WDVR08, ZKG08].
Filters [Row96].
financial [SC09].
Finding [Mar94, SBM+17, VB98, UCH03].
Fine [CSR+20, CL18, CL19].
Fine-Grained
Hierarchical [CS89, L90].
Hierarchical [Yan15].
High [BS12, DC92, FC91, LJH17, OS96, RL94, WZW+19, ZK20, HZSL13].
High-Level [DC92, OS96].
High-Order [LJH17, WZW+19, HZSL13].
High-performance [BS12].
High-Precision [LS10].
High-recall [ZK20].
Highly [KM13, MWYL01].
Hilbert [CCVR17].
Historical [TP05, FPSO06].
HMM [CCC09].
HMM-based [CCC09].
Hoc [CGM05, KL09].
Home [Ols89, UCH03].
Human [All91, BHH+16, Jac91, NFZ19, SSY+17, SZ93, WI98, ZZZ+16, GKL+07].
Human-Computer [Jac91, SZ93].
Hyb [BC11].
Hybrid [AK18, CML+21].
Hyper [HYB+16, HO07, SM99].
Hyper-Network [HYB+16].
Hyper-object [SM99].
Hyper-parameters [HO07].
Hyperdocuments [SFR98].
Hyperform [WL97].
Hypergraph [CXZ+21, WS90].
Hypergraph-based [WS90].
Hypermedia [BL95, HLNS98, L92, MC94, SLHS93, UY89, WL97, ATW00, BHMW07, dOTM01].
Hypertext [CE89, GPS93, KL91, Rad92, STSM95, SF89, Tom89, WR98].
Hypertext-Based [CE89].
Improve [AC08, PTKJ07, SSCT09].
Identify [PHK12].
Identity [AC08].
Identifying [BS92, MJH15, SMGM11].
IDF [SHN17, WLW98].
Image [CLZ+14, GR95, NWZ12, SLZ+19, VB98, WZL+19, CJ97, EKK99, EKK00, HJZL09, KKS+08, TMT06, ZCD06, ZRZ02].
Images [CCZ+19, GR96, dODMS20].
Impact [BACF17, MTC21, EJ30, SV99, TkWW99].
Implement [JYM13].
Implicit [CW94, KEL95, TGL+97, WW94].
Implementing [DC92].
Implement [AYL+20, LZLM19, NSVB18, FKM+05, JGP+07, WRJ05].
Imprecise [MOR90].
Improve [HL17, HCC+16, FKM+05, LLC03].
Improved [BBMN+08, CCVR17, CPL15, FMS14, CDH+09].
Improvement [GS91].
Improves [VAJR21].
In-memory [TS10].
Incomplete [KC95].
Inconsistencies [Coo95].
Incorporating [ASST05, MZLK11, MBST17, WZC+17].
Incremental [ADC08, Can93, SM99, PSPBY10, TM10].
Indefinite [WZM10].
Independent [TFS+12, UCH03].
Index [Ano93, Ano96, Ano97, BC11, Cro98, DLA15, TM20, AOU12, BC11, MRYGM01].
Index-Based [BC14].
Indexes [PV17, BS12, FBN+12, WZB04].
Indexing [FB91, HCC14, MZ96, STSM95, SMGM11, WXLC13, ZNL+17, CM10, EKK00, HSS+09, KO98, QZX06, TKD09, TMT06].
Indices [PR16].
Induced [NCHW15, KL10].
Inductive [FP94, ZYY+21].
Industry [HE91].
Infer [TLKW16].
Inference [Cum14, HGBY16, KJA20, LHH+19, TC91, WY95, ZZZ+16, TL03].
Inferior [RK19].
Inferring [GZW+18, LRZ+17].
Influencing [GRSD+16, LLBS18, NGMD17, VFA17, WLFT18].
Influencing [ACC18].
Influential [FZSG21].
Inform [TBCW20].
Information [AM89, AMS20, APCC15, AL91, Ano94, APJL20, ACC18, BVS08, BK90, CE98, Can93, CCC+12, CWL+20, CB815, Coo95, CV98, Cro89b, CPL15, EMG11, FTZ11, FMS14, FCDH91, FAZC12, FP94, FR97, JMSV92, JVA+15, JSHS96, Koi95, KC95, KC92, Kwo90, Kwo95, LCI+16, LZN+19, LZ96, MZLK11, MMST17, MKF91, MH98, MOR90, MMLP97, MBJK90, Na15, OS96,
Knowledge-Enhanced [AMS20]. Korean [ANW17].

Label [ES13, ZZD+20]. Labeling [AZK12].

Lake [AARC20]. Language
[AAL+20, ANW17, CPL15, GR96, JSHS96, KJA20, MK16b, TL14, Tu95, 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
[CIJR12, CS94, CTH+13, Gla97, KC15, LMDZ20, MP20, NLF+20, SC19, VFA17, VB98, WXLC13, ZTM+17, BC13, BJL+07, CW02, CL06, EKK00, SCST09, WYH06].

Large-Alphabet [MP20]. Large-Range
[CTH+13, LMDZ20, NLF+20, SC19, VFA17, WXLC13, CIJR12].

Last [ZK20].

Latency
[BACF17, TM20].

Latent
[BLWJ15, CGB19, Ho04, LH+19, LLBS18, QWZ+15, WXLC13, KO98, PR09].

Latine
[EMS21].

Lattice [CSL10].

Law
[PSL16].

Layers
[YSY+21].

LCARS
[YCS+14].

Lean
[Ruh94].

Learned
[PCD92].

Learning
[AMS20, AAL+20, AWYM21, ADW94, CZZ+17, CSR+20, CGB+15, DMUN19, EMS19, FZSG21, FC17, FB91, FP94, GCGL+21, HLL+17, HCC+16, HLC+20, IC16, ISW92, LWSA10, MC94, MLZ+20, MCL+12, NZZ+14, NLF+20, PS05, QLN19, RSD+13, RY+20, RZCG+10, SC19, SSS+17, SCG+19, TSNS19, TLK16, WNS+17, WC21a, WQL+19, YW15, YE18, YDXW21, ZZT+21, ZWRL19, ZYY+21, ZZH+18, ZHC+20, AAGY01, CL03, CS99, HJZL09, LCHO07, MSOH13, SC03, GWLC06].

Learning-Based
[SC19, YDXW21, ZZT+21].

Learning-to-Rank
[IC16].

Legacy
[LL99].

Length
[Na15].

Lessons
[PCD92, LWA08].

Level
[DC92, OS96, XZY21, AC08].

Levels
[ZZH+18].

Leveraging
[BACF17, CC+19, FAZC12].

Lexical
[KC92, PPGK04].

Libraries
[GFWK04, LL99, SNS+05].

Library
[EGL+97].

Life
[Mar94, CCC09].

Lifestyle
[ZZZ+16].

Lifestyle-Based
[ZZZ+16].

Lightweight
[BFNP10].

Likelihood
[KT05].

Limited
[ZAL+16].

Linear
[Non13].

Linear-time
[Non13].

Linguistic
[EMS19, JTS16, GNN+10].

Link
[CP13, SG14, ZMK+20, CRNZ+03, LM01].

Link-structure
[LM01].

Linking
[CFC+19, LCL+17, LGQL19].

Links
[ZHC+20, KL10].

Lists
[ABCZ21, SKC16].

Listwise
[IC16, WHL+16].

Load
[PSBY10, PSBY10].

Load-driven
[PSBY10].

Local
[CRNZ+03, CWZ+20a, LIQY19, Row96, Szs17, WNS+17, XCO0].

Locality
[dMDsdA+08].

Locality-Based
[dMDsdA+08].

Localization
[CTH+13].

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].

Look
[Jac91].

Loose
[WC21b].

Low
[LJQY19].

Low-rank
[LJQY19].

Machine
[LPY94, TL14].

Machine-Readable
[LPY94].

Machines
[LPLH19].

Magnitudes
[MMST17].

Mail
[RP98].

Make
[CR92].

Making
[EGL+97, O'G94, Won94, BDS04, WLWK08].

Management
[AM89, HEA90, LAL+17, WLZW21, ZHZ+19, BBMN+08, BVKS08, BJS99, DEL+00, Mar08a, MC10b].

Managing
[HDPN08].

Manipulation
[HSH90, PL94].

Manuscript
[Mar08a].

Mapping
[YC94].

Market
[LCJ+16, SC09, WMJ05].

market-based


Mouse [APJL20]. Movements [Jac91].
Movie [KEL95]. MR [SGL93].
MUADDIB [RS09]. Multi [GCL+21, GC92, LQGL91, LPLH19, QFZ+19, SCG+19, ZWRL19, ZZD+20, HL10].
Multi-annotator [ZWRL19].
Multi-Channel [LPLH19].
Multi-media [GC92]. Multi-Modality [GCL+21]. Multi-Objective [SCG+19].
Multi-turn [GCL+21]. Multi-View-Based [LGQL19].
Multidimensional [GH96, ASST05, QZXP06]. multidisciplinary [Luz12].
Multidocument [MLDG04, YW15]. Multilevel [MMLP97]. Multilingual [BCFG15, CGB19, JTS16, KMKO92, LBGL19, LGQL19, LPLH19, QFZ+19].
Multimedia [MHYL11, TQH15]. Multiuser [DC92]. multivariate [LA08].
Music [CS16, MO12, PH07, SPKW11, SSCT09].
MWI [BCFG15]. MWI-Sum [BCFG15].

N [SC19]. Name [All89]. Named [LCH07, PTS13]. Names [SMG11].
Natural [AAL+20, GR96, KJA20, ES98, FBN+12, Owe02]. Natural-Language [GR96, ES98]. Navigation [AKFA15, BBMN+08, MS01]. Near [CTH+13, JTL+17, NGMD17, HHC+10, LHS11]. Near-Duplicate [CTH+13, JTL+17, HHC+10, LHS11].
Near-Optimal [NGMD17]. nearest [KZP10]. Need [YTD13, LWA08]. needs [KMDRS06]. Negative [MNP94, WC21a, WC21b, WZZ04].
Nets [OS96]. Network [CZWX21, HCY+20, Kwo95, LW20, LWP+21, MAL16, QZX+20, SLW+20, YSZ+17, ZY21, FCD02, LLPT10, XCO5]. network-based [FCD02]. Network=based [TC91]. networked [FU99, PDB99]. Networks [DCT+17, FC17, GRSD+16, HGBY16, HE91, HQZ17, LLBS18, MTC21, MLZ+20, QLHY20, QFZ+19, RCR+18, SMN+16, TLKW16, UY89, VFA17, YSZ+21, ZAL+16, ZTM+17, ZGCL18, CGM05, KNS04, RBV09].
Normalization [Na15, HO07]. normalized [KT05]. Note [Gru92]. Novel [LMW+21, MS01, PRP05, PH07, SSCT09].
NSP [WCD1b]. number [KFS10]. Numeral [MP20]. Nutrient [YHY+17].
Nutrient-Based [YHY+17].

Object [AM89, GSR96, JSHS96, KBGW91, MT21, MH98, MOS90, SCI89, SÖ90, SM99].
Object-Oriented [AM89, GSR96, JSHS96, KBGW91, SÖ90].
Objective [IC16, SCG+19]. Objects [PL94, Gla04, GL05]. Oblivious [DLN+16].
obtained [PTKJ07]. Occurrences...
Point-of-Interest [LJHL17, YCZ+16].
Points [AK18]. Points-of-Interest [AK18].
Positive [KFS10]. Positive [LPLH19, WC21a, MMCC+21, WZZ04].
Practical [Non13, CC05]. praise [TL03].
Pre [AARC20]. Pre-Filtering [AARC20].
Precision [PGD07, RJB89, RL94, MZ08].
Predicate [CGMP99]. Predict [NSVB18].
Predicting [LCJ+16, SKC+12]. Prediction [CP13, Cum14, FHW+19, MCF+17, MAL16, MPT21, NWZC12, QFZ+19, SKC16, SMN+16, SYX+17, TM20, WLZW21, YZW+17, ZM14, ZMK+20, RSD+13, SC09, WdVR08].
Preference [ABCZ21, CJZ+16, GCL+21, GCN+19, LZLM19, SZ21, WZZ+19, Won94, BMMN+08].
Preference-Based [Won94, SZ21].
Preferences [CVS21, DL16, LAL+17, SZ21].
Prefetching [WDG17, FPS006].
Preparing [Leh06]. Presentation [LGRK18, BDS04]. Preservation [GR12].
preserve [CGM02]. Preserving [FCDH91].
Pretrained [ZY21], preview [PSDB99].
Price [APJL20, CJZ+16].
Probabilistic [AV02, BB10, Coo95, DL16, FB91, FP94, FR97, KSNM10, Kwo90, Kwo95, MHZ16, MO12, WLZW21, WY95, ZHY14, ZZZ+16, GCT99, GP00, WYLY08]. Probability [CV98, EMS21, FC91, Fuh89, DWLV09].
Probe [WZC+17]. Problem [FLMM91, HCZ04, WTS+08, WW10].

Processes [LBC+19, SM95, KL00].
Processing [AAL+20, Can93, KM97, SÖ90, ZLF+17, BS12]. Product [AZBC20, GCN+19, QFZ+19, ZJT16].
Product-Based [QFZ+19]. Professionals [Ols89]. Proficiency [HL+20]. Profile [AKFA15, FC17]. Profile-Based [AKFA15].
profiles [CCC09, JD07]. profiling [MSR04, SNS+05]. Program [JVA+15].
Proximal [NB07]. Proximity [AARC20, CL19, GCC12, ARS03].
Proximity-Based [GCC12]. proxy [HHWL01]. proxy-based [HHWL01].
PRUM [PGD07]. pruned [BS12]. pruning [AUO12, BB10, MOT11, dMsdA08].
Pseudo [DLA15, MHZ16].
Pseudo-Relevance [DLA15]. psychiatric [YWL08]. 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 [HCC+17].
Quantitative [MC14b, ZGN+17]. Queries [CFC+19, Guy18, SÖ90, ZLF+17, ZZZ+21, ZGCCC18, BGQT07, BJL+07, BS12, CGMP99, CDF01, JD07, LCL04, Owe02].
Query [ABB+15, BBD11, BMMC19, BLWJ15, CRD16, CC01, CH96, Cum14, GS91, JTS16, MC14a, MK94, NB97, PPPR13, SW94, SPS+06, SKC+12, SKC16, SÖ90, TM20, UCH03, VAJR21, WNZ02, YGZ15, AOU12,
BJL07, Bod04, CdMRB01, CL03, DM07, EJ03, FPS06, FG04, GNN+10, GWR99, GCT99, JGP+07, KMrdRS06, LWSA10, LL99, LOP+13, MSOH13, PSDB99, TFS+12, TDD09, XC13, WYL08. Query-Based [PPPR13, CC01]. query-by-example [TFS12], query-dependent [MSOH13].

Query-Drift [SKC+12], Query-independent [UCH03], querying [MS01, WZB04]. Question [CCC+12, GCR+21, HWN+19, MAL16, NL+20, PHK12, TM19, ZWMH19, ZK20, CTM12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. Question-Answer [CCC+12], Question-Answering [GCR+21, TM19, CTM12, KSNM10]. Question-based [ZK20]. Question-Oriented [HWN+19]. Question-Topic [NL+20]. Questions [AA16, NZW+20]. Quote [TWLX18].

Radically [MLF95], Random [IC16, LCL+17]. Random-Forest-Based [IC16]. Randomly [FC91]. randomness [AV02]. Rank [AYWM21, DMUN19, IC16, MZ08, PYC+19, SCG+19, BM02, DWLW09, LJQY19]. Rank-biased [MZ08]. Ranked [HCC14].

Ranker [LMDZ20]. Ranking [CBZ11, DLM+16, FHW+19, Fuh98, LR96, MT21, SMGM11, WHL+16, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD99, KSNM10, PZMRN05]. Ranking-Oriented [WHL+16]. rankings [WNZ10]. Rapidly [WBB+90].


Recommended [HY20]. Recommender [CCCD19, DBCJ21, DYL+20, LZG21, MZLK11, MMCC+21, RY+20, WZW+19, YHY+17, YCS+14, ASST05, HKTR04, Kon04, MSR04, MKR04, RSG09, WMJ05].


[FHW+19, FR97, BJS99]. Relations
[RCR+18, WMZ+21, ES98, MC10a].
Relationship [ZJT16]. Relevance [Bod04,
DLA15, Dun97, LLZ+21, MMST17, MC14a,
MYHL11, MHZ16, RK19, RBCT14, W1998,
EJ03, PTL08, WdVR08, WLWK08, ZCD06].
Relevant [LK20, ZK20, JZ06, KFS10].
remote [HHWL01]. Repeatable [JBCF07].
Repetition [SE91]. Replicates [VSS17].
reporter [ZKG08], reporter-based
[ZKG08]. reporters [ZKG08]. Repository
[CTH+13, YHY001]. Representation
[CSR+20, HSH90, PL94, QLYN91, RS93,
TSNS19, WQI+19, ZZD+20, Cobl00, KL00].
Representations [AMS20, LWP+21,
MLZ+20, Ruh94, TL14, ZHC+20].
Representative [SZS17].
Representative-Based [SZS17].
Representing [HSH93, MBJK90].
Reproducibility [DBCJ21]. reputation
[ZKG08]. Requests [ACC18]. Reranking
[LCPD19, LZM+19, TM91, HHC+10,
KKB10, KL10, MC10b]. Research
[Cro89b, DBC21]. Residual [LK20].
Resource [MC14b, AAGY01]. Respond
[GCL+21]. Response
[BACF17, QFZ+19, Wie92]. Responsible
[WBP+16]. Responsiveness [OSV19].
Result [LYS+17, LZN+19, WDG17, SZ09].
Results [LGRK18, MC94, MCL+12,
ZZL+21, BM12, EJ03, FPSO06, HHC+10,
KKB10, SC03, Tee08]. Retrieval
[AMS20, ABB+15, CE89, CCC+12, CFP95,
CJN20, CR95, Coo95, CDM15, CV98, CPL15,
DLA15, DMUN19, EMG11, FTZ11, FKS19,
FCDH91, Fuh89, FP94, FR97, GC92, GCC12,
GR95, GR96, HCC14, JYM13, KBD89,
KC92, Kw090, Kwo95, LQ96, MMST17,
MKF91, MHS9, MO12, MZ96, Na15, PSL16,
RJB89, RRS95, Row96, SZ21, SW90, SL95,
TBC96, THT12, TL14, TC91, VHJC11,
VdR18, VSS17, WY95, YC94, ZNL+17,
ZHY14, ZK20, ACDU08, AV02, BIFYM06,
CML00, CRG02, Car12, CSLN10, CC00,
Cro06, DM07, EKK99, FG04, GMR09, HO07,
HJZL09, HZSL13, HCZ04, KL06, KNS04,
KO98, KL09, LBS08, LHS11, LA08, MR10,
MLDG04, Mel08, MZ08, PMPJ11, PMD01,
PRP05, PH07, PGD07, PTL08, SV99,
TLJ+07, TKD09, Wi05, WSBC01, XC00,
YLS+11, YWYL08, ZL04, ZCD06, ZRZ02].
Retrieval [Cro89b]. Retrieved
[FC91, KFS10]. reuse [Tee08]. Review
[GCH+19, LZG21, MO21, OSV19, Mar08a].
Review-Aware [GCH+19, LZG21].
Reviewer [ZZD+20, Mar08a]. Reviewers
[Cal12, dR19, Mar06, Mar07, Mar08b,
ACM03]. Reviewing [LK20]. Reviews
[CCZ+19, LB20, ZJT16, ZK20]. revision
[LS88]. Revisited [MNW98, FGM+02].
rewriting [CGMP99]. Rich [Ruh94]. Risk
[SCG+19, WLZ21]. Risk-Sensitive
[SCG+19]. RLPS [YDX21]. Road
ZGEC18. Robust
CJN20, PPPR13, SZ99, EKK99, GWLC06.
Role [FLMM91, Koi93, Ruh94]. Roles
[GS96]. ROM [KBD89]. Routing
[Pal15, PSPBY10]. RST [AA16].
RST-Based [AA16]. Rules
[ADW94, PTKJ07, WZZ04]. Rumors
[MK16a]. Rumour [LBC+19].
Saerens [EMS21]. Safe [JMD20]. SAGE
[SNS+05]. SALSA [LM01]. Salton
[Auc06]. sample [SZ09]. sample-based
[SZ09]. Sampler [CJW+21]. Sampling
[CZZ+20, LB20, CC01]. Satisfaction
[WZL+19]. scalability [KM13]. Scalable
[LZG+18, MWL01]. Scale
[CTH+13, LMDZ20, NGMD17, NLF+20,
SC19, VFA17, WXL13, ZNL+17, ZHC+20,
CJRY12, YKH06]. Scaling [KEW01].
Scenario [CR92]. scenarios [GFWK04].
Schema [AARC20, RR98]. Scheme
[APJL20, LM90, Man97, CW02]. schemes
[PS05]. Scholars [Ruh94]. Science
[Kli94, NFPZ19]. scientific [BM12]. Score
[Cum14, SZ09]. scraps [BVKS08].
Screenshots [USN+17], SEA [CDH+09].

Search [AZBC20, AC16, AC19, BACF17, BMMC19, BKWZ15, CWL+20, CSZD15, CHBS15, CCVR17, CLZ+14, DH97, GS91, GCN+19, Guy18, HYH15, JTS16, KC15, LGRK18, LYS+17, LHG+12, LCL+17, LZM+19, LMW+14, MT21, MLK+18, MBST17, MCL+12, MK16b, NWZC12, NFZ19, RBCT14, RPE+18, SLZ+19, SSGC89, TBCW20, USN+17, VAJR21, WLY+14, WLS+17, WH15, WDG17, WZL+19, YGZ15, YDXW21, YCY+15, ZTM+17, ZLL+21, ZML+19, AOU12, ARSZ03, ACM+02, AL13, BBD11, BC13, BBMN+08, BM12, CZJ07, CJRY12, CDZ08, CGM05, EJ03, FPS006, FGM+02, FKM+05, HSS+09, HHC+10, HI07, JBCF07, JGP+07, KM13, KKB10, Leho06, LS02, LWA08, LOP+13, MPS07, PSPBY10, SC03, Tee08, TS10, WH09, XHYY09, ZHC+13, dMdSdA+08].

Searcher [TBCW20, WRJV05]. searches [GKL+07]. Searching [Maa97, ZNL+17, KZP10, LdJKR12, LLC03, SNZBY00, MC06]. Secondary [MNZ19].

Seed [LCX+19]. Seed-Guided [LCX+19].

Segment [CDH+09]. Segment-enrich-annotate [CDH+09]. segments [CC05]. Selecting [DH97].


Self-Spatial [BF98]. self-supervising [CGM05].

Semantic [AMS20, CGB19, EMG11, LPY94, LXLZ16, MPT21, SLHS03, TG10, TM19, WXLC13, ZHC+20, dODMS20, FCD02, Hofo04, KO98, MR10, PR09, TL03, YLS+11].

semantic-multimedia [MR10]. Semantics [SF89, WR98]. Semi [MP20, YHS+21].


Sentimental [FAZC12]. September [Ca12]. sequence [KT05]. Sequences [HCC14, Zob06]. Sequencing [CR95].


Set [PZMRN05, CM10, GMR09]. Set-based [PZMRN05]. setting [HO07]. Shallow [TM19]. Shards [FKS19]. Shared [IKG93, KBGW91, LM90, ZH17]. sharing [BCD+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].

Shortest-substring [CC00]. shot [LLZ+21]. Shots [BA18]. Sibyl [CTM12].

Side [FMSS14]. SIGIR [Cro89b]. Signal [CDM15]. Signature [BA18, C293, LL89, LR96, ZRT91, CHS99]. Signature-Based [BA18]. signatures [PPGK04, Zob06]. Signed [CXZ+21].

SIMD [ZL+15]. SIMD-Based [ZL+15]. similarities [KKB10]. Similarity [BA18, CWZ+20b, CWZ+20a, GR95, MO12, MK16b, ZLL+20, ZTM+17, AC08, ARSZ03, coh00, EKK99, GGMW03, MC10b, SPKW11, WMZ10]. Simple [OOSC93, PCD02]. Simulation [SGLS93, VHJC11]. Simulation-Based


Social-Sensed [CLZ+14]. societies [GFWK04]. Society [WW94]. Soft [CKC07, TQH15]. Software [Koi93, MR92, Tu95, ATW00]. Solutions [NGMD17]. Solving [FLMM91, WTS+08].

Some [Coo95]. Sorting [NCHW15, Non13].

Sound [GTW+18, PTI08]. Soundness [HWD13]. Sources [VST+14, LZM+19, MC14a]. Space [CMR91, IKG93, MHZ16, QXZP06, SPKW11]. space-partitioning-based [QXZP06]. Spaces [VdRK18, ARSZ03, GFWK04, KZP10, QXZP06]. 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 [MK16a, QLNY19]. Special [BKZW15, Cro89a, Kli94, LDJKR12, PBJ+16, SL95, WLS+17, BYFM06].


Spidering [FAZC12]. Spoken [Guy18, VAJR21, CSLN10, CTM12, TFS+12, WKF+12]. Spreadsheet [ISL95].

SST [WLY+14]. SSD-Based [WLY+14].


STEEvent [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].

stripper [MMP+07]. Structural [BR92, JYM13, KL10]. Structure [COR13, LZM+19, MH98, NB97, SF89, GGMW03, HZW02, LM01, Luz12].

Structured [BB93, GZC89, WR98, BDS04, Cro06, LL99, PGD07]. Structures [TGL+97, TM19, BHMW07, GFWK04].

Structuring [HSH93]. Students [HLC+20]. studies [MC10b, WH09]. Study [Ack98, CV98, FKS19, VHJC11, WW94, WLY+14, ZL04].

Studying [KM13]. stylometric [AC08]. Subspace [PR16].

substrate [SM99]. substring [CC09]. Substrings [NCZG14]. Substructure [YW15]. Substructure-Based [YW15].

Suffix [NCZG14, MPP+07, Non13]. Suffixes [NCHW15]. Suggesting [AK18]. suggestions [GNN+10].

SUIT [PCD92].

Sum [RK19, BCFG15]. summaries [BGQT07]. Summarisation [AKFA15].

Summarization [CGB19, MSMO18, RCR+18, YW15].
BKGM+02, HL10, MLDGH04, WX10.

Summarizer [BCFG15]. Summarizing [BM12]. Summary [MC06, ZZL+21].

SuperBook [ERG+89]. supervised [CL07, YHS+21]. supervising [CGM05].

Support [ASV91, KM97, MK16a, TkWW99, TMT06].

Supporting [Bie92, Bul95, HYH15, KBGW91, RSG09].

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

Survey [CLPM20]. SVM [HJLZ09].

SWIM [VFA17]. Swipe [NSV18].

Synchronization [RRS95]. Synopsis [TM20]. Syntactic [HQZ17, MH89, TM19].

Syntactic/Semantic [TM19].

Synthesizing [MC14a]. System

[CE89, CFP95, CH96, CR95, DMU91, JTL+17, KEL95, KBGW91, LZG21, LCJ+19, MMLP97, OS96, PBF+89, RJB89, SSGC89, WHFG92, WL97, YHY+17, YCS+14, CGMP99, CTM12, CC03, FP00, GL6, GIS03, HSS+09, IH07, KFS10, KNS04, LBS08, LSO06, LL99, MKR04, MPHS03, RR98, RSG09, SC09, TkWW99, TMT06, ZKG08].

Systems [ASV91, CP13, CCCD19, DBCJ21, DYL+20, FN96, FR97, GSR96, GH96, HZG20, JMSV92, JHS96, KM97, KBD89, LMW+21, LZ96, MZL11, MJIH15, MMC+21, MP20, Mor90, MBJK90, RYJ+20, RN96, SC19, SO90, Ton89, TM19, WW94, WZW+19, Won94, ZGN+17, ZHZ+19, ZXZL20, ZZH+18, ASST05, BJS99, BFF+03, Car12, DEL+00, HKTR04, IH07, Kon04, Mar08a, MSR04, PVG11, PR04, PSDB99, SS08, WMJ05, All89, dR19].

systems-based [Car12].

Tables [CS94, BM12]. Tablets [NSV18].

Tactics [SSGC89]. TAE [SS93]. Tag [ZHC+20].

Tagging

[CP13, NLF+20, SSS11]. Tags [MO12, NZW+14, CDR10]. Tail [HCC+17].

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

Tank [ABW93]. Target [AZCC21, ACC18].

Targeted [ZGN+17, CZJ07]. TASC

[TQH15]. Task [ABW93, CR92, CWL+20, JVA+15, ZHZ+19, CDR10]. Task-Artifact

[CR92]. Task-Based [JVA+15].

task-dependent [CDR10]. Task-Oriented [ZHZ+19]. Tasks [HYH15, SC19, LOP+13].

Taxonomy [CC05, YHY01]. team

[Luz12]. Techniques

[Jac91, RRS95, SW90, CDZ04, HCZ04, JK02].

Technological [OG94]. Technology

[LY20, MR92, OG94, RP98, ZJT16, ZK20].

Technology-Assisted [LK20, ZK20]. Tell

[NSV18]. Telos [MBJK90]. Templar

[Tuz95]. Temporal [CL19, FHW+19, JD07, MSM01, Tuz95, WMZ+21, PDM01, TP05, YYL08, LLPT10]. Temporality [JYM13].

Tendency [SMN+16]. Tensor

[LJC+16, LHL17, LJC+19]. Tensor-Based

[LJC+16, LJC+19]. Term

[BLJW15, GCN+19, ZHY14, AOU12, BS12, CRG02, CZJ07, HO07, PR09, TFS+12, WKF+12, WLWK08]. term-ranking

[CRG02]. Terms [Kwo90, BBD11]. Test

[CW94]. testing [Car12, HHWL01]. Text

[ADW94, ES13, EMS19, HWN+19, KMK02, KJA20, KBD89, LYS+17, LPY94, Man97, MIZ96, RS93, RL94, STSM95, TBC96, YC94, YHS+21, ZLF+17, BC13, BFNP10, BS12, CC01, CZJ07, CC05, CS99, FBN+12, GWL06, IG08, KKS+08, Leh06, LCL04, MC10a, MRYGM01, RZCG+10, SC09, SNZBY00, TS10]. text-based

[CZJ07]. Textbook [Rad92]. Texts

[CHN+17, LDW+17, LRZ+17]. Textstream

[PGW+17]. Textual

[APCC15, KC15, MAL16, SC09]. Texture

[VB98]. TF [WLWK08]. TF-IDF

[WLWK08]. Their [LAL+17, WLS+17]. Them [ZAL+16]. themes [HL10].

theoretic [CdMRB01, Fuh99, MR10].

Theoretical [MC14b, WW10]. Theory

[BJK0, ISL95, JVA+15, KM97, Kwo90, ZRZ02]. Three [CS94, LWP+21].

Three-tier [LWP+21]. threshold [CCC09].
tier [LWP+21]. Ties [TLKW16]. Time [GRSD+16, LJHL17, LXW+17, MK16b, SYX+17, ZLW16, ZGCC18, ZML+19, AL13, HSS+09, Non13, YCZ+16, ZL+21].

Time-Aware [LJHL17, LXW+17, ZGCC18]. TISO [HGBY16]. TODOS [PBF+89].

TOIS [All91, Ano94b, Cal12, Mor06, Mor07, Mar08b, ACM03]. too [GL05]. Tool [CWL+20, MLF95, PBF+89, WBB+90].

Toolkit [SGL93, PCD92]. Top [ABCZ21, CWZ+20b, CWZ+20a, CVS21, LPLH19, SC19, XHW+19, ZTM+17, ZLF+17, DK04]. Top-

[CVS21, SC19, ZTM+17, ZLF+17, ABCZ21, CWZ+20b, CWZ+20a, LPLH19, XHW+19, DK04]. Topic

[BLW15, JTS16, LDW+17, LCX+19, LZW+20, MHZ16, MCF+17, NLF+20, SG14, WXLC13, GMR09, HL10, RZCG+10].

Topical [ACC18, AAGY01]. Topics [HLL+17, LLSB18, LHG+12, ZZH+18, BM02, GMR09]. TopPRF [MHZ16]. Touch

[HYH15]. Tour [GXTL14]. Trace [SFR98].

Trace-Based [SFR98]. Tracking [HLC+20, LHG+12]. tractable [GCT99]. trading [CGM02]. Traditional [SZ21].

Traffic [WZC+17]. Training [ES13, ZWMH19]. Trajectories

[TGS16, YSZ+17]. Trajectory [ZZZ+16].

Transactions [All89, dR19]. Transcripts [SE91]. Transfer

[EMS19, PTS13, PYC+19, TLKW16]. transform [PRP05]. Transformation

[TQH15, PTKJ07]. Transformation-Aware [TQH15].

Transient [WS90]. transitive [LCL04].

translating [CGMP99]. Translation

[MTKY92, QLNY19, TL14, YHS+12, LCH07, LCL04, PTKJ07].

Translation-Based [QLNY19].

translations [LCH07]. Transparent

[ZZD+20]. Transportable [SS93].

Transportation [ZGN+17]. Travel

[GXTL14]. Traveling [ZLW16]. Treaps

[KNCO17]. TRECVID [AOK14]. treelike

[MS01]. Trees [DLN+16, TGS16, CBZ11].

Trending [MCF+17]. Trials [Res93]. tries

[HZW02]. Trip [ZLW16]. TROLL [JS96].

Troubling [DBCJ21]. Trust

[AZK12, FMSS14, HGBY16, MK16a, PBJ+16, ZM14].

Trust-Oriented [HGBY16]. Trusting

[ZKG08]. Trustworthy [GL05].

turnable [BS12]. Tuning [PSPBY10]. Turn

[GCL+21]. Tweet [CL18, FC17, AL13].

Tweets [CL19, JYM13, MPT21]. Twitter

[NSK+20, YCZ+15]. Two [Na15].

Two-Stage [Na15]. Type [LM90]. Typed-in

[Guy18]. Typed-in [Guy18]. Types

[CWL+20].

UAN [HSH90]. Ubiquitous [HSH93].

Ukkonen [BR96]. Unbiased [AYWM21].

Uncertainty [LXLZ16, Mor90, ZLW16].

underlying [Lin07]. Understanding

[BACF17, HYH15, NFZ19, RBCT14, WLG+17, ZJT16, XZZL20]. Unexplored

[CIZ+16]. Unidraw [VL90]. Unified

[BK90, WdVR08]. Unifying

[GCL+21, WNS+17]. Universal [USN+17].

unlabeled [BJL+07, ZCD06]. unseen

[LCH07]. Unsupervised

[AMS20, APCC15, CNJ20, VdRK18, YE18].


Urban [WZC+17, WLZW21, dOdds20].

Urn [CPL15]. usability [HHW10]. Usage

[VHJC11, FPSO06]. Usage-Based

[VHJC11]. Use [CW94, CWL+20, Jac91, LM90, WLG+17, ARSZ03, LCC03].

Useful

[BRS92]. User [ABCZ21, ACC18, BACF17, CIZ+16, CL18, CHBS15, DC92, DCT+17, GCL+21, HSH90, HCC+16, HM90, LSOS06, LCPD19, LRZ+17, LAL+17, LWP+21, MR92, MLK+18, MYHL11, MBST17, MAL16, MCL+12, NSVB18, Pa15, PCD92, QFZ+19, SZ21, SE91, SS93, WZW+19, WMZ+21, Wie92, WQL+19, WZL+19, XHY+09, YCZ+16, CJZ+07, CC03, DEL+00, KFS10, MSR04, PGD07, WNZ02].
User-Item [WQL+19]. User-Oriented [HSH90]. user-specific [DEL+00]. Users [HCC+17, LPY94, YCZ+15, ZHC+20].

Using [AZK12, APCC15, APJL20, BF98, BMMC19, CE89, CGB+15, DH97, EMG11, FKS19, HL10, VST+14, LCPD19, NSVB18, NCZG14, RS93, Row96, SKC16, TSNS19, TM20, Tur95, VSS17, XC98, ZZD+20, dODMS20, ASST05, ADCU08, BJL+07, BM02, BKGM+02, CML00, CCC09, Coh00, JZ06, KL10, LPLH19, PRP05, PH07, RBV09, SC09, SZ09, WNZ02, WRJV05, XC13, ZCD06, Zob06].

utility [CSJS10]. Utilizing [KKB10].

validation [CJRY12]. Valuable [MJH15].

value [MLDGH04]. Variants [XC98].

Variational [CWZ+20a]. Variations [BMMC19]. variety [CML00]. Vector [VdRR18, PZMRN05, TMT06]. Venue [CL18]. Veracity [MK16a, PBJ+16].

Verification [SFR98, WBP+16, ZWMH19].

Version [HLNS98, YZW+17].

Version-Aware [YZW+17]. versus [CRNZ+03, MO06, TSNS19, WVW10].

Vertical [SBM+17, WC21b]. very [BJL+07]. Via [MP20, AK18, BLWJ15, DHY+19, GS91, HZSL13, LHJH17, LH+19, LZG+18, LCL+17, LGZ21, LWP+21, NLF+20, SMN+16, ZLL+20, ZM14].


Virtual [ABW93, FG93, FZC93, SGLS93, WNS+17].

Visited [HY20]. Visual [APCC15, BA18, LZM+19, LMW+14, LZ96, KN504].

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, DM07].

Walk [LCL+17, MCI+10b]. wavelet [PRP05].

Weak [KSVS16]. Wearable [FC17]. web [HHWL01, IG08, SPS+06, dMDSSdA+08, ACS08, AZK12, AKFA15, ANW17, AO12, BACF17, BJL+07, BLWJ15, BKGM+02, CRNZ+03, CC05, CFC+19, EJO3, FPO06, FKM+05, FP00, GKL+07, GIS03, Guy18, HYH15, HHC+10, IM05, JGP+07, KEW01, LS02, LHG+12, LCL+04, MRYGM1, PPGK04, RSD+13, RBCT14, SPK11, TM10, VAJR21, WH15].

Web-based [CC05]. web-query [SPS+06]. WebQuilt [HHWL01]. Weight [LR96].


Whole-Session [RBCT14].


Windowing [KMK092]. Without [OOSC93, CZZ+20, KL10]. witness [Gla04].

Word [BKR97, CGB+15, FBN+12, HCC14, LDW+17, SHN17, XCS91, Coh00, HZSL13, SNZBY00]. Word-based [FBN+12, Coh00].

Work [KM97, MLF95, Mar94, Ols89, Ruh94].

Workers [SC19]. Working [AC19].

workloads [CML00]. Workspace [IKG93, Non13]. World [GZW+18, ZLW16, PPGK04]. Worlds [ABW93, FG93, WNS+17]. Writeprints [AC08]. Writing [TWLX18].

X [COR13]. X-Class [COR13]. XIRQL [FG04]. XML [BYFM06, BQT07, BCPN14, CDF01, COR13, FCD02, FG04, KMDRS06, KL06].
REFERENCES

Leh06, PH07, PTL08, TG10]. XMovie [KEL95]. XPath [BCPN14, GL06]. XXS [BCPN14].

YASS [MMP+07]. year [Gla04, GL05]. YouTube [SSS11]. Yum [YHY+17].

Yum-Me [YHY+17].

zero [WTS+08]. zero-one [WTS+08].

References

Azmi:2016:AAW


Aggarwal:2001:DLC


Ahmad:2020:DLA


Alserafi:2020:KDL


**Staff:2003:TR**


**Abbasi:2008:SAM**


**Altingovde:2008:ICB**


**Apte:1994:ALD**


**Agosti:2007:FMA**


**Alakuijala:2019:BGP**


**Arampatzis:2018:SPI**

Alhindi:2015:PBS


Asadi:2013:FCG


Allen:1989:ENN


Allen:1991:ECH


Allen:1994:E


Afsarmanesh:1989:EOO


Agosti:2020:LUK


Anonymous:1993:AI


Ah-Pine:2015:UVT


Arapakis:2020:PPA


Amato:2003:RPM


Adomavicius:2005:ICI

[ASST05] Gediminas Adomavicius, Ramesh Sankaranarayanan, Shahana Sen, and Alexander Tuzhilin. Incorporating contextual information in recommender systems using a multidimen-


Aiken:1991:IES


Anderson:2000:CHH


Amati:2002:PMI

REFERENCES


Barreau:2008:IKR

Baralis:2015:MSM

Brisaboa:2014:XEX

Brafman:2004:QDM

Belussi:1998:SSJ

Bertino:2003:HAC

Brisaboa:2010:DLT

Baralis:2007:AXQ
Baly:2016:MFM


Bailey:2007:AHT


Bier:1992:ESB


Bertino:1999:FAM


Bookstein:1990:CIT


Buyukkokten:2002:EWB

REFERENCES


REFERENCES

gust 2017. CODEN ATISET. ISSN 1046-8188.


Chuang:2005:TGT

Chen:2009:ATF

Cao:2012:AEC

Chen:2019:JNC

Connor:2017:HEI

Cheng:2019:MER

Comai:2001:CGQ

Candan:2009:SSE
K. Selçuk Candan, Mehmet E. Dönderler, Terri Hedgpeth,

Costa:2015:DRM


Carpineto:2001:ITA


Clements:2010:TDE


Cohen:2008:RTD


Campagnoni:1989:IRU


Cornolti:2019:SPA


Chowdhury:2002:CSF

Abdur Chowdhury, Ophir Frieder, David Grossman,


Cole:2015:UAP  

Cao:2017:CPA  

Chen:1999:IGL  

Cheng:2020:RUC  

Chapelle:2012:LSV  

Chen:2021:CEC  
Chen:2016:BRU


Cui:2007:SPM


Chang:2003:MME


Chen:2006:IIV


Cormack:2007:OSS


Chong:2018:EUV


Chong:2019:FGG


Chen:2020:SHO

REFERENCES


REFERENCES

Cooper:1995:SIM

Costa:2013:XCA

Chelmis:2013:SLP

Cummins:2015:PUD

Carroll:1992:GAT

Chua:1995:VRS

Cai:2016:DQA

Carpineto:2002:IRF
[CRG02] Claudio Carpineto, Giovanni Romano, and Vittorio Giannini. Improving retrieval feedback with multiple term-ranking function combination.
REFERENCES


Calado:2003:LVG


Croft:1989:EIS

Croft:1989:SCR

Croft:1991:AI

Croft:1998:AI

Croft:1999:CSL

Crouch:2006:DER

Chimera:1994:EET

Cohen:1999:CSL


William W. Cohen and Yoram Singer. Context-sensitive learning methods for text categorization. ACM Trans-
REFERENCES

Cheng:2016:ELA


[CS16]

Choudhury:2010:ECU


[CSJS10]

Chia:2010:SLB


[CSLN10]

Chen:2020:FGP


[CSR+20]

Chuklin:2015:CAI


[CSZD15]

Chiu:2013:EVS


[CTH+13]

Comas:2012:SFQ

19:??, August 2012. CODEN ATISET. ISSN 1046-8188.


REFERENCES


5:??, November 2007. CODEN ATISET. ISSN 1046-8188.

[deMoura:2008:LBP]

[Dev eaud:2019:LAR]

[deOliveira:2001:SBM]

[Dunlop:1997:EAN]
Dang:2009:BFP


Ding:2020:IIR


Elsweiler:2008:EME


Eastman:2003:CRR


El-Kwae:1999:RFC


El-Kwae:2000:ECB


[FAZC12] Tianjun Fu, Ahmed Abbasi, Daniel Zeng, and Hseinchun
Chen. Sentimental spider- 
ing: Leveraging opinion in- 
formation in focused crawlers. 
ACM Transactions on Infor-
mation Systems, 30(4):24:1– 
24:??, November 2012. CO- 
DEN ATISET. ISSN 1046-
8188. [FC17] 

Fuhr:1991:PLA 
Norbert Fuhr and Chris Buck- 
ley. A probabilistic learn- 
ing approach for document in- 
dexing. ACM Transactions on Information Systems, 9(3): 
223–248, July 1991. CO- 
DEN ATISET. ISSN 1046-
8188. URL http://www.acm.
org:80. Special Issue on Re-
search and Development in In-
formation Retrieval. [FB91] 

Farnia:2012:WBS 
Antonio Fariña, Nieves R. 
Brisaboa, Gonzalo Navarro, 
Francisco Claude, Ángeles S. 
Places, and Eduardo Rodríguez. 
Word-based self-indexes for 
natural language text. ACM Trans-
actions on Information Systems, 30(1):1:1–1:??, 
February 2012. CODEN 
ATISET. ISSN 1046-8188. 

Ford:1991:OPM 
Daniel Alexander Ford and 
Stavros Christodoulakis. Opti-
timal placement of high-probabil-
ity randomly retrieved blocks on 
CLV optical discs. ACM Trans-
actions on Information Systems, 9(1):1– 
30, January 1991. CODEN 
ATISET. ISSN 1046-8188. 

Farseev:2017:TCF 
Aleksandr Farseev and Tat- 
Seng Chua. Tweet can be fit: 
Integrating data from wearable 
sensors and multiple social 
networks for wellness pro-
file learning. ACM Trans-
actions on Information Systems, 35(4):42:1–42:??, Au-
gust 2017. CODEN ATISET. 
ISSN 1046-8188. [FC17] 

Feng:2002:SNB 
Ling Feng, Elizabeth Chang, 
and Tharam Dillon. A se-
mantic network-based design 
methodology for XML doc-
uments. ACM Transactions 
on Information Systems, 20 
ATISET. ISSN 1046-8188. 

Fox:1991:OPM 
Edward A. Fox, Qi Fan 
Chen, Anjnad M. Daoud, and 
Lenwood S. Heath. Order pre-
serving minimal perfect hash 
functions and information re-
trieval. ACM Transactions 
on Information Systems, 9(3): 
281–308, July 1991. CO- 
DEN ATISET. ISSN 1046-
8188. URL http://www.acm.
org:80. Special Issue on Re-
search and Development in In-
formation Retrieval. [FC91] 

Ferro:2017:WDA 
Nicola Ferro. What does af-
fect the correlation among 
evaluation measures? ACM


REFERENCES


REFERENCES

ATISET. ISSN 1046-8188. URL http://www.acm.org:80/tois/abstracts/fuhr.html.

Fang:2007:SMT


Fang:2011:DEI


Fuhr:1989:OPR


Fuhr:1999:DTA


Fitzmaurice:1993:VRP


Fang:2021:DLS


Goh:1999:CIN

ATISET. ISSN 1046-8188. 

Gemmell:1992:PDS

Gerani:2012:AMP
Shima Gerani, Mark Carman, and Fabio Crestani. Aggregation methods for proximity-based opinion retrieval. 

Guan:2019:AAM
Xinyu Guan, Zhiyong Cheng, Xiangnan He, Yongfeng Zhang, Zhibo Zhu, Qinke Peng, and Tat-Seng Chua. Attentive aspect modeling for review-aware recommendation. 

Gao:2021:LRY
Shen Gao, Xiuying Chen, Li Liu, Dongyan Zhao, and Rui Yan. Learning to respond with your favorite stickers: a framework of unifying multi-modality and user preference in multi-turn dialog. 

Guo:2019:ALS

Gao:2021:MAG
Shen Gao, Xiuying Chen, Zhaochun Ren, Dongyan Zhao, and Rui Yan. Meaningful answer generation of e-commerce question-answering. 
REFERENCES


REFERENCES


Guglielmo:1996:NLR


Guttenbrunner:2012:MFE


Gomez-Rodriguez:2016:IEM


Grudin:1992:CSF


Gauch:1991:SIA


Gottlob:1996:EOO


Goldberg:2018:FID

David Goldberg, Andrew Trotman, Xiao Wang, Wei Min, and Zongru Wan. Further insights on drawing sound conclusions from noisy judgments. *ACM Transactions on Information Systems*, 36(4):36:1–36:??, Octo-


Huston:2014:IWS


Hu:2016:LIP


Huang:2020:NHN


Huang:2004:AAR


Hicks:2008:OMP


Hart:1991:ION

 REFERENCES

Hammainen:1990:DFM


Hamdi:2016:TTI


Huang:2010:MND


Hong:2001:WPB


Hoi:2009:SSB


Herlocker:2004:ECF


Harabagiu:2010:UTT


He:2017:MEB

Huang:2020:LFD


Hou:2017:LA


Hicks:1998:HVC


Hudson:1990:ISF


Hofmann:2004:LSM


Huang:2017:ESK


Hartson:1990:UUO


Huang:2020:CBI


Hou:2013:MPH


Heinz:2002:BTF


Ibrahim:2016:CPL


Ipeiroitis:2008:CAH


Im:2007:DOS


Ishii:1993:IIS

REFERENCES

Ivory:2005:EWS

Isakovitz:1995:TLP

Ioannidis:1992:CLD

Jacob:1991:UEM

Jensen:2007:RES

Jones:2007:TPQ

Joachims:2007:EAI

Jarvelin:2002:CGB

Jagerman:2020:SEO


Jark:1992:DEE


Jungclaus:1996:TLO


Jiang:2017:GGS


Jiang:2016:CLT


Jarvelin:2015:TBI


Jia:2013:ISD

[JYM13] Lifeng Jia, Clement Yu, and Weiyi Meng. The impacts of structural difference and tem-


Kazai:2006:ECG


Kurland:2009:CLM


Kurland:2010:PHS


Kim:2013:EDE


Ke:2013:SCP


Kamps:2006:AIN


REFERENCES

1–4, January 2004. CODEN ATISET. ISSN 1046-8188.

**Ko:2010:PMA**


**Kharazmi:2016:EAW**


**Korodi:2005:ENM**


**Kwok:1990:ECT**


**Kharazmi:2016:EAW**


**Kaszkiel:1999:EPR**


**Losada:2008:AMB**

[LA08] David E. Losada and Leif Azzopardi. Assessing multivariate Bernoulli models for infor-
REFERENCES


REFERENCES

[102x681] REFERENCES


REFERENCES


Li:2020:WSR


Lee:1989:PSF


Lim:1999:HDQ


Liao:2018:JMP


Leroy:2003:UDC


Lauw:2010:SST


Liu:2021:ABD

REFERENCES


Lee:1990:PSV


Lempel:2001:SSA


Li:2020:MME


Lu:2014:BSI


Lan:2021:PNA


Lv:2020:BAR


Lucchese:2013:DTS

Loni:2019:TRM


Liddy:1994:TCM


Lee:1996:DRW


Liang:2017:IDU


Lempel:2002:PPA


Lee:2006:UEF


Luz:2012:NSP

Liu:2020:FDN


Lin:2008:TAF


Liu:2021:TCU


Liang:2017:SRD


Lucarella:1996:VRE

Dario Lucarella and Antonella Zanini. A visual retrieval environment for hypermedia information systems.

Luo:2016:MSU


Liu:2017:TAC


Li:2010:LCG

Xiao Li, Ye-Yi Wang, Dou Shen, and Alex Acero. Learning with click graph for query intent classification.
REFERENCES


Lian:2018:GSL


Liu:2021:MRA


Lin:2019:EPR


Liu:2019:SRR


Lin:2020:EEB


Molino:2016:SQA

Manber:1997:TCS


Markus:1994:FHM


Marchionini:2006:TR


Marchionini:2007:TRJ


Marchionini:2008:ERM


Marchionini:2008:TRJ


Mylopoulos:1990:TRK


Moffat:2017:IUE

Marchionini:1994:EHL


McDonald:2006:SCS


Maslennikov:2010:CRI


Minkov:2010:IGW


Mahdabi:2014:PQF


Markov:2014:TQQ


Miao:2017:CEO


Moon:2012:OLF

REFERENCES


Miller:2004:PTP


Middleton:2018:LES


Mana-Lopez:2004:MSA


Malone:1995:EOR


Mao:2018:HDD


Meng:2020:JLR


Mena-Maldonado:2021:PBF

Elisa Mena-Maldonado, Rocío Cañamares, Pablo Castells,
REFERENCES


Mostafa:1997:MAI


Mcdonald:2021:HAC


Majumder:2007:YYA


Maddalena:2017:CRM


Muntean:2021:WPE


Moffat:1998:ACR


Mic:2019:BSS

Vladimir Mic, David Novak, and Pavel Zezula. Binary
Miotto:2012:PMC


Morrissey:1990:IU


Moss:1990:DMP


Macdonald:2011:UBA


Moffat:2020:LAS


Moldovan:2003:PIE


Ma:2007:IBP


Mousset:2021:EEN

REFERENCES


Mackinlay:1992:EUI


Magalhaes:2010:ITF


Melnik:2001:BDF


Malone:1993:GE


Meuss:2001:CAA


McCreadie:2018:EDE


Macdonald:2013:ALM


Middleton:2004:OUP

[MSR04] Stuart E. Middleton, Nigel R. Shadbolt, and David C. De Roure. Ontological user profiling in recommender systems. ACM Transactions on Information...
REFERENCES


Manioudakis:2021:FSO


Mendoza:2021:BSI


Matsuoka:1992:GFB


Meng:2001:HSE


Myers:1990:NMH


Mei:2011:CVR


Moffat:1996:SII

Moat:2008:RBP

Ma:2011:IRS

Na:2015:TSD

Navarro:1997:PNM

Nong:2015:ISS

Nong:2014:SAC

Niu:2019:UFS

Nguyen:2017:SIS
Nie:2020:LSQ


[NLF+20]

Nong:2013:PLT


[Non13]

Nelissen:2018:STU


[Nelissen:2018:STU]

Nie:2012:OIS


[Nie:2012:OIS]

Nie:2014:LRD


[Nie:2014:LRD]

Orlikowski:1994:TFM

REFERENCES


Papadopoulos:2016:OSI

Pausch:1992:LLS

Powell:2003:CPC

Piwowarski:2007:PRU

Peng:2017:PMT

Pinto:2007:NXM

Pal:2012:EQS

Poulavasillis:1994:NGM
Alexandra Poulavasillis and Mark Levene. A nested-graph model for the representation

Papadias:2001:AST


Paik:2011:GEE


Paik:2013:ERQ


Park:2004:ISI


Park:2009:ALS


Piao:2016:SF

95

REFERENCES

April 2016. CODEN ATISET. ISSN 1046-8188.


REFERENCES

Search all references.

Pan:2013:TJE

Pibiri:2017:CEF

Pibiri:2019:HMG

Parameswaran:2011:RSC

Qu:2019:PBN
[QFZ+19] Yanru Qu, Bolui Fang, Weinan Zhang, Ruiming Tang, Minzhe Niu, Huifeng Guo, Yong Yu, and Xiuqiang

Possas:2005:SBV

Palaniappan:1992:EFO


Qiu:2020:ECS


Qian:2019:SRL


Quan:2015:LDM


Qian:2020:ENN


Qian:2006:SPB


Rada:1992:CTH


Raman:2014:UID

Karthik Raman, Paul N. Bennett, and Kevyn Collins-Thompson. Understanding

**Rodriguez:2009:AMG**


**Ren:2018:SRE**


**Resnick:1993:PBC**


**Ragha:1989:CIR**


**Raiber:2019:RFW**


**Rilo:1994:IEB**


**Robey:1996:SPI**

Daniel Robey and Michael Newman. Sequential patterns
in information systems development: An application of a social process model. 


[Rus:1997:CIC] Daniela Rus and Devika Subramanian. Customizing in-


REFERENCES


REFERENCES

Stotts:1998:HAV


Skaggs:2014:TMW


Shaw:1993:DSV


Shirakawa:2017:IWG


Shtok:2012:PQP


Shtok:2016:QPP


Stevens:1995:ISI


Schnase:1993:SDM


REFERENCES

2005. CODEN ATISET. ISSN 1046-8188.

Edeno Silva de Moura, Gonzalo Navarro, Nivio Ziviani,
and Ricardo Baeza-Yates. Fast and flexible word search-
ing on compressed text. ACM Transactions on Information
Systems, 18(2):113–139, April 2000. CODEN ATISET. ISSN

Dave D. Straube and M. Tamer Ozsu. Queries and query
processing in object-oriented database systems. ACM

Markus Schedl, Tim Pohle, Peter Knees, and Gerhard
Widmer. Exploring the music similarity space on the Web.
ACM Transactions on Information Systems, 29(3):14:1–
14:??, July 2011. CODEN ATISET. ISSN 1046-8188.

Dou Shen, Rong Pan, Jian-Tao Sun, Jeffrey Junfeng Pan,
Kangheng Wu, Jie Yin, and Qiang Yang. Query enrich-
ment for web-query classification. ACM Transactions on
Information Systems, 24(3):320–352, July 2006. CODEN
ATISET. ISSN 1046-8188.

Martha R. Szczur and Sylvia B. Sheppard. TAE plus: Trans-
portable applications environment plus: a user interface de-
velopment environment. ACM Transactions on Information

Stefan Siersdorfer and Sergej Sizov. Meta methods for
model sharing in personal information systems. ACM
ATISET. ISSN 1046-8188.

Jialie Shen, John Shepherd, Bin Cui, and Kian-Lee Tan. A
novel framework for efficient automated singer identi-
cation in large music databases. ACM Transactions on Information Systems, 27(3):18:1–
18:??, May 2009. CODEN ATISET. ISSN 1046-8188.

Philip J. Smith, Steven J. Shute, Deb Galles, and Mark H. Chignell. Knowledge-
based search tactics for an
REFERENCES


SanPedro:2011:CRY

Song:2017:DLD

Salminen:1995:THI

Sanderson:1999:IRE

Shasha:1990:NTB

Schauble:1994:EPQ

Sun:2017:CIP
Yu Sun, Nicholas Jing Yuan, Xing Xie, Kieran McDonald, and Rui Zhang. Collaborative intent prediction with

Sturman:1993:DMW


Shokouhi:2009:RRM


Sakai:2021:REM


Shi:2017:LRB


Taghva:1996:EMB


Thomas:2020:ISM


Turtle:1991:EIN

REFERENCES


REFERENCES


[TM19] Kateryna Tymoshenko and Alessandro Moschitti. Shallow and deep syntactic/

Tonellotto:2020:UII

Tsai:2006:CMS

Tompa:1989:DMF

Tao:2005:HST

Tian:2015:TTA

Transier:2010:EBA

Tamine:2019:OVO
REFERENCES


[VanGysel:2018:NVS] Christophe Van Gysel, Maarten de Rijke, and Evangelos Kanoulas. Neural vector spaces for unsupervised infor-
REFERENCES


[WHFG92] Roy Want, Andy Hopper, Veronica Falcao, and


Chenyang Wang, Weizhi Ma, Min Zhang, Chong Chen, Yiqun Liu, and Shaoping Ma. Toward dynamic user


REFERENCES


Yong, 2013. CODEN ATISE. ISSN 1046-8188.


[Xu:2000:IEI] Jinxi Xu and W. Bruce Croft. Improving the effectiveness of


REFERENCES

org:80. Special Issue on Text Categorization.

Yin:2014:LSI


Yuan:2015:WWW


Yin:2016:JMU


Yao:2021:RRL


Yang:2018:ULP


Yang:2015:QCM


You:2012:EET


REFERENCES


REFERENCES


Zhang:2017:TAP


Zhou:2017:MMD


Zhang:2021:EMN


Zhu:2013:SHF


Zhao:2020:LSR


Zhao:2014:MTA


Zhang:2019:MAD

REFERENCES


REFERENCES

tober 2016. CODEN ATISET. ISSN 1046-8188.


[Yuan et al.] Yuan Zhang, Fei Sun, Xiaoyong Yang, Chen Xu, Wenwu Ou, and Yan Zhang. Graph-based regularization on embedding layers for recommen-
Zhang:2017:FFT


Zhang:2019:QAK


Zhan:2019:LMA


Zhao:2020:PES


Zhang:2021:ICR

REFERENCES

Zhang:2020:MLC


Zhao:2018:ALT


Zhao:2015:GSB


Zhang:2021:ERT


Zeng:2021:RLB


Zhao:2016:PLB