

Index

A

abandonment rate 162
 action-object pair 416, 418, 420, 424, 425, 426, 427, 428, 430, 431, 435, 509
 adaptive hypermedia 200, 284, 285, 286, 290, 291, 292, 299, 300, 301, 302, 303, 306, 422, 511, 529, 532, 542, 544
 adaptive prompting 21, 23, 29, 35, 37, 561
 anonymized data 97
 anonymous data 97
 Application Service Provider 70
 average order value 152, 153, 162

B

behavioral targeting 134, 135, 140, 141
 behaviorism 1, 2, 3, 13, 14, 508
 bigram analysis 383, 388
 biomedicine 360, 367, 373, 374, 376, 513

C

cache busting 141
 checkout conversion rate 152, 163
 client-side logging 81, 88, 89, 97, 187, 188, 195, 229, 230, 248, 251
 conditional random fields 351, 352, 353, 358, 473, 478

D

descriptive data reporting 181, 203, 518
 discourse analysis 312, 325, 495, 498, 517, 522, 542
 domain ontologies 284, 286, 289, 294, 300, 306

E

electronic commerce research 78, 520, 557
 empiricist 490, 504
 entity/relation (ER) diagram 106, 107, 115

entropy 212, 335, 336, 344, 351, 352, 353, 358, 473, 478, 484, 486, 527
 ethnography 66, 76, 78, 310, 324, 326, 488, 489, 490, 491, 492, 493, 495, 502, 515, 516, 534, 567
 ethnomethodology 494, 504
 ethogram 4, 7, 13
 Exploratorium Survey 45, 52

F

folksonomy 459, 476, 479

G

geo-mapping 131, 132, 140, 142

H

hidden Markov models 251, 351, 352, 353, 358, 511
 historical method 516, 522

I

information seeking behavior 21, 26, 35, 181, 182, 183, 187, 189, 208, 256, 257, 258, 259, 260, 261, 262, 263, 270, 274, 346, 511, 557
 interaction design 230, 248, 249, 252, 254, 532
 interactive information systems 390, 391, 392, 393, 408, 414
 interpretivism 78

K

key performance indicator (KPI) 152, 153, 154, 155, 156, 157, 162, 163, 164, 574

L

lifestyle time frame 167, 180
 log file analysis 68, 69, 70, 73, 77, 125, 149, 163, 509, 517, 531

M

machine learning 329, 330, 331, 332, 335, 344, 351, 406, 473, 474, 477, 481, 512
 Markov models 36, 215, 220, 225, 351, 352, 353, 356, 510, 562
 Markov process 37, 352
 maximum entropy modeling 351, 352, 353, 358, 473
 mediated information retrieval 238, 253, 255, 556
 MEDLINE 359, 360, 361, 362, 363, 365, 366, 368, 369, 370, 371, 373, 374, 375, 376, 377, 386, 513, 524, 536, 537
 MeSH 360, 361, 362, 363, 365, 367, 368, 369, 370, 373, 374, 376, 572
 Monte-Carlo simulation 215, 219, 224, 225, 510, 559

N

n-gram analysis 383, 384, 388
 nethnography 488, 489, 492, 499, 502, 504, 515

O

Omniure 68, 77, 159, 160, 161, 541, 558
 online business performance management (OBPM) 151, 163
 opinion mining 470, 480, 486, 515

P

parser 231, 234, 235, 237, 238, 244, 486
 Pew Internet & American Life Project 39, 45, 52, 201, 437, 457, 458, 527, 543, 551, 552, 561
 phenomenology 507, 510, 519, 522, 524
 Poisson sampling 212, 213, 224, 226, 510, 559
 positivist epistemology 78
 protocol analysis 26, 33, 37, 103, 117, 539
 proxy logging 86, 87, 98
 PubMed 359, 360, 363, 364, 365, 368, 369, 371, 372, 373, 374, 375, 377, 513, 524, 542

Q

query clustering 214, 215, 346, 347, 348, 349, 350, 353, 358, 513
 question answering (QA) systems 390, 393, 401, 404, 405, 411, 412, 414, 550, 567

R

RSS feed 136, 460

S

search log analysis 2, 4, 14, 100, 101, 102, 119, 250, 386, 391, 508
 server-side logging 86, 87, 88, 98, 188, 229, 249, 251
 SiteCatalyst 68, 161, 541
 site overlay 131, 132, 142, 509
 SLA 102, 103, 104, 105, 106, 109, 113, 114, 115, 119
 social network analysis 308, 317, 318, 319, 323, 324, 327, 437, 442, 532
 sociograms 318, 319, 320, 327
 state diagram 234, 235, 237, 238, 242, 243, 244, 249, 255
 stickiness 126, 134, 164, 436, 437, 454, 460
 stochastic process 13, 23, 24, 26, 35, 37, 118, 211, 212, 213, 225, 352, 358, 561
 support vector machines 219, 221, 222, 226, 332, 341, 343, 349, 351, 355, 473, 477, 484, 513, 527, 529, 530, 531, 546, 575
 survey research 39, 40, 41, 42, 43, 45, 48, 51, 74, 78, 438, 508, 564

T

temporal context 181, 182, 184, 189, 193, 197, 203, 204, 519
 TLA 101, 102, 103, 104, 105, 109, 172, 250
 tokenization 470, 474, 475, 486
 trace data 1, 2, 4, 6, 7, 8, 9, 11, 14
 transaction log analysis 1, 2, 6, 7, 3, 4, 9, 8, 9, 10, 11, 13, 14, 27, 28, 38, 172, 178, 179, 416, 427, 507, 508, 509, 533, 561, 565, 570
 treebank 477, 487

U

unobtrusive methods 2, 10, 11, 13, 14, 559
 usability
 definition of 71

V

very large-scale conversations (VLSCs) 308, 309, 311, 312, 318, 319, 320, 321, 323, 326, 327

W

Web-traffic measurement 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 517
 Web metrics 33, 124, 142, 256, 257, 258, 264, 265, 270, 271, 274, 511, 544

Index

Web usage mining 119, 265, 266, 273, 304, 306,
379, 549, 569
widget 137, 460
Wiki 136, 460

Z

Zipf distribution 382, 384, 385, 388