

Index

A

accounting of real sectors 257
accuracy 20, 65, 83, 96, 102, 216, 278,
279, 281
antifraud 271
applicability of data 256
asset lifecycle domain 228
asset management 221, 226, 230
availability 279

B

banking 257
better job information quality assessment
267
Big State University (BSU) 150
business process modeling 145, 149

C

CALDEA 122, 128, 137
Canadian Institute for Health Information
(CIHI) 96, 98, 101

cancer 174
capacity management 172, 175
China's Securities Regulatory Commission
(CSRC) 261
clinical integrated system (CIS) model
107
component model 162
computer-aided design 78
computer-aided manufacturing 78
computer-based information systems 271
computerized VAT monitoring system 272
consistency 277
crime 258, 262
customer 2, 4, 277
customer recognition 4
customer relationship management (CRM)
2, 20, 252

D

database 29, 43, 51, 65, 108, 124, 147
data cleaning 53
data description language 31

data evolution life cycle 74
 data manipulation language 31
 data mining 54, 193, 281
 data model 30, 113, 164, 239
 data quality 1, 26
 data quality evaluation framework (DQEF) 96
 data quality programmes 95
 data quality strategies 97
 data value 76
 data warehouse 55, 120, 124, 147, 243
 dependency structured matrix 168
 durability 194

E

electronic commerce (e-commerce) 281
 electronic document management system (EDMS) 148
 enterprise activity (EA) 193, 201, 203
 enterprise asset management 221
 enterprise collaboration system 78
 enterprise goal (EG) 201
 enterprise object 193
 enterprise resource planning 165, 191
 entity resolution 2
 EPC diagram 165
 Eppler and Wittig criteria 104, 108
 EVAMECAL 122
 event-driven process chain (EPC) 145, 149, 152, 165
 exploratory data mining (EDM) 28
 external view 71
 extraction-transformation-loading (ETL) 26

F

financial statistics 257
 flow to code 165
 fraud 254, 258, 271

G

global supply chain 276
 gross domestic product (GDP) 253
 grounded theory approach 100

H

hash token 3
 health care 94, 99, 113, 170
 health data quality programme 94
 health data quality strategy (DQS) 111
 HiQIQ B&B 29
 historical data 56
 human resource (HR) 67, 160, 201, 284

I

IDEF 177
 IDEF0 177
 incorrect knowledge discovery 57
 information flow 160, 168, 173, 281
 information gathering 82
 information management process (IMP) 119
 information mapping 176
 information product 148
 information production map (IP-Map) 145, 148, 149
 information quality 71, 119, 169, 190, 221, 253, 254, 275, 278
 information resource (IR) 201
 information systems (IS) 110, 146, 281
 information systems strategy 110
 information technology strategy 110
 information value 76
 integrative 121
 interaction model 160
 interdependency 178
 internal view 71
 Internet 173, 281
 interpretability 279
 IP-Map diagram 145
 IP-Map representation 148

K

key performance indicator (KPI) 113
 knowledge 15, 51, 60
 knowledge discovery 51, 53, 61, 210, 241

L

law enforcement 259, 261

M

market 67, 197, 254, 261
 media 82
 mediation system 23
 medical error 172, 175
 Ministry Data Quality Team (MDQT) 100

N

national account system 270
 national and regional account data 270
 National Bureau of Statistics (NBS) 253
 National Health Service (NHS) 98
 national macroeconomic data bank 271
 New Zealand Health Data Quality Improvement Programme 100
 New Zealand Health Information Service (NZHIS) 99

O

object-oriented approach 201
 operating theatre waiting list 174
 organizational effort 269
 organization unit 159, 160, 164
 outpatient 174

P

partition similarity 7
 People's Bank of China (PBC) 261
 performance measure (PM) 201
 population statistics 257
 private enforcement 259
 private securities litigation rule (PSLR) 260
 process mapping 172, 176
 product information quality 190
 product quality management 121
 public enforcement 261

Q

quality 77, 83, 147
 quality-extended query 30
 quality management 121, 252
 quality management practices 252

quality of data (QoD) 23, 25, 81, 105, 113, 254, 272
 quality of service (QoS) 23, 25, 277
 quality of service modeling language 26

R

radio frequency identification (RFID) 222
 Rand index 11
 reliability 194
 resource input (RI) 201, 203
 resource process (RP) 201
 resource output (RO) 201
 rule discovery process 56

S

SAP R/3 software package 166
 science statistics 257
 security 77, 95, 102, 233, 279
 social issues in China's IQ management 257
 social statistics 257
 State Council Securities Commission (SCSC) 261
 statistical agencies in enterprises 266
 statistical and financial data in China 252
 statistical informatics system 271
 statistical informatics system 271
 statistical process control (SPC) 113
 statistics of balance of international payments 257
 supervision of the statistical activities 268
 supply chain council 280
 supply chain performance 275, 277
 surgeon 170, 172
 surgery management process 168
 symbolic representation 71
 system development cycle 79
 system of national accounts (SNA) 272

T

technological issues in China's IQ management 270
 timeliness 27, 95, 197, 207, 256, 279
 tolerance 24

total data quality management (TDQM)
94, 111, 224
transaction-processing system 78, 79
Trio project 29

U

United States Air Force 177
unit level data 98
user 277

V

value added tax (VAT) 271
veracity of data 254

W

workflow management system (WFMS)
165
World Trade Organization (WTO) 254,
270