Index

Acceleration, 105-106, 158	Analytical capabilities, 47-48
adaptation and calibration, 111	Analytical methods, 175
capabilities, 49–50	aggregation analysis, 177
characterization, 106–108	anomaly analysis, 178–179
cross-organization socialization	anticipatory analysis, 180
and adoption of new	channel analysis, 181
capabilities, 110–111	competitor analysis, 182
integrating new capabilities into	critical thinking, 183
institutional product line,	cultural analysis, 184
109–110	cultural baseline, 179
and integration capabilities, 108	decomposition analysis, 185
review and reaffirmation of	environmental scanning and
fundamental business	analysis, 186
model, 109	exploratory analysis, 187
Adaptation, 111	financial analysis, 188
Aggregation analysis, 177	forensic analysis, 189
Albrecht's Law, 13	functional baseline, 179
Ambiguity, 14	industry analysis, 190
American Civil War, 27	link analysis, 191
American Revolution, 27–28	market analysis, 192
Analysis, 26–27, 175	pattern analysis, 193
analytical method selection, 90-91	selection, 90–91
assessment of testing results, 94	semiotics analysis, 194
assumptions and constraints,	strategic analysis, 195
91–92	SWOT analysis, 196
blueprinting and engineering	technical analysis, 197
design, 89–90	technical baseline, 179
capability, 87, 89	tendency analysis, 198
characterization, 88-89	threat analysis, 199
degrees of analysis, 94	toolkits, 175
interpretation of testing results, 93	trend analysis, 200
model setup, 91	win/loss analysis, 201
recomposition, 94	Anomaly analysis, 178–179
source collection, 92	Anticipatory analysis, 180
source curation and cleaning, 93	Application programming interface
source organization, 92–93	(API), 146
testing of model, 93	Artificial intelligence (AI), 4, 8
Analytic Tools and Methods, 16	Assessment of testing results, 94

Attitude and behavior, 57 Augmented monitoring of climatic	Business-aligned organizational intelligence roles and
-	responsibilities, 120
events, 160–162	
Augmented trending analysis in	Business-aligned roles and
manufacturing quality, 147–149	competencies, 130
Automated signal detection in	Calibration, 111
competitive intelligence,	Capacity building
144–147	characterizations, 116
Automation, 4, 100	culture in building intelligence
build to operate model, 102	capacity, 121
business model, 102	across domain and specialized
capabilities, 48–49, 101–103	operations, 122
monitoring, feedback, and	intelligence capacity, 115–116
anomaly detection, 103	learning in intelligence capacity, 121
operationalize and deploy, 103	organizational capacity, 117–118
train and retrain, 103	for organizational intelligence,
, , ,	117–118
Blueprinting, 82	organizational intelligence roles
and engineering design, 89–90	and responsibilities,
Brainstorming, 80	118–121
Business intelligence, 28, 31–32	short and long term, 121
Business stories, 141	strategy beyond analytics, 122
augmented monitoring of climatic	Casual conversations, 110
events, 160–162	Channel analysis, 181
augmented trending analysis in	Codified intelligence, overemphasis
manufacturing quality,	of, 14–15
147–149	Collection, 24–25
automated signal detection in	Collective intelligence, 7–8
competitive intelligence,	Communication, 110
144–147	Competencies, 56–57
COVID and economy, 153–155	Competitive intelligence, 31–32
designing intelligence into energy	Competitor analysis, 182
systems maintenance,	Complexity, 14
155–158	Computer forensics process, 38–39
global staffing alignment, 149–151	Constraints, 91–92
intelligent insurance risk models,	Contextual intelligence, 7–8
158–160	Covert sources, 25
modeling elections without data,	COVID and economy, 153–155
151–153	Critical thinking, 80, 183
multivariate market discovery,	Cross-organization socialization
162–164	and adoption of new
proactive leading indicators in	capabilities, 110–111
strong safety culture,	Cultural analysis, 184
142–144	Cultural baseline, 179, 198
174 177	Cartarar 000011110, 177, 170

"Human resource manager" concept, Cultural knowledge, 60–61 Culture, 137 Hypothesis, 26 Data and information cleansing or development, 81 cleaning, 26 Data Science (DS), 146 Industrial economy Decomposition analysis, 185 intelligence sectors in, 22–23 Design knowledge and intelligence in, capabilities, 46–47, 75 22 - 27thinking, 76–77, 82 Industry analysis, 190 as way of working, 77-82 Information operations (IO), 177 Design-analyze-automate-accelerate Integration, 27 framework, 118–119 Intellectual capital, 5, 55 Digital forensic analysis, 37–38 Intelligence, 3-4, 118 Direction, 24 as behavior and way of working, 8 Dissemination, 27 capacity, 115-116 characterization, 7-8 Energy systems maintenance, designing in industrial economy, 22–27 intelligence into, 155-158 sectors in industrial economy, 22-23 strategies, 138-139 **Enterprise Content Management** (ECM), 146 as thing and attribute, 7–8 Entropy, 8-9, 12-17 Intelligence domains, 29 Environmental scanning, 78-79 business and competitive intelligence, 31–32 and analysis, 186 Equivocality, 14 computer forensics process, 38-39 Explicit knowledge, 60 digital forensic analysis, 37-38 Exploitation, 25-26 financial intelligence process, 36 Exploratory analysis, 187 judicial forensics and investigations, 33–34 Factor identification, 81 law enforcement and judicial Financial analysis, 188 investigations, 32-33 Financial capital, 5 market intelligence process, 35 Financial intelligence, 28–29, 36 medical diagnostics and intelligence process, 36-37 Forensic analysis, 189 Functional baseline, 179, 198 military intelligence, 30-31 national security work, 34-35 Fundamental analysis, 188 Intelligence work for knowledge Future intelligence, 44–45 economy acceleration capabilities, 49-50 Gardner's theory, 7 Global staffing alignment, 149–151 analytical capabilities, 47–48 automation capabilities, 48-49 High-value targets (HVTs), 197 conceptual framework, 45-46 Hindrances of the Security Mindset, design capabilities, 46-47 16 - 17future intelligence, 44–45 Human capital assets, 55-59 future of, 43-44

Intelligent behaviors, 8–12	Market analysis, 192
Intelligent business activities and	Market intelligence, 28–29, 35
operations, 9–10	Medical diagnostics, 28–29
Intelligent cultivation and leveraging	and intelligence process, 36–37
of knowledge capital, 10–11	Messaging, 10
Intelligent cultures, 137–138	Military intelligence, 30–31
Intelligent insurance risk models,	Missions and goals of intelligence
158–160	work, 137
Intelligent leadership, 11–12	Model building, 81–82
Intelligent learning systems, 12	Modeling elections without data, 151–153
Intelligent organizational cultures and	
communications, 10	Multivariate market discovery,
Intelligent organizations, 4–6	162–164
Internal promotion and marketing, 110	
Internal rate of return (IRR), 188	National security, 28–29
Interpretation of testing results, 93	work, 34–35
	Natural Language Processing (NLP),
Judicial forensics and investigations,	146, 148
33–34	Neglect of Anticipatory Intelligence,
Judicial investigations, 32–33	16
	Neglect of Research, 15
Knowledge	Net present value (NPV), 188
capacity, 117	New economy, 6
in design capability, 65–68	Norms, 118
economy, 4–6	
in industrial economy, 22–27	Operationalization, 100
leveraging knowledge in	build to operate model, 102
intelligence framework, 54	business model, 102
use of, 53–54	capabilities, 101–103
Knowledge assets	and deploy, 103
in accelerate capability, 69	monitoring, feedback, and
in analysis capability, 68	anomaly detection, 103
in automate capability, 68–69	train and retrain, 103
	Organizational capacity, 117–118
by intelligence capabilities, 64–69	
Knowledge capital, 5, 54	Organizational culture, 137–138
characterizations, 54–55	Organizational entropy, 8
T	Organizational intelligence, 9, 17,
Law enforcement, 32–33	114 (see also Traditional
Learning, 12	intelligence)
in intelligence capacity, 121	business-aligned roles and
organizational intelligence and	competencies, 130
stupidity, 17	competencies, 125–126
Link analysis, 191	intelligence strategies, 138–139
Loss of Intellectual Middleware, 16	intelligent cultures, 137-138

Organizational intelligence)

domains, 45

historical evolution, 27–29

Productive collisions, 9

Proficiency, 130–132 Project plan, 165–173

208 *Index*

intelligence domains, 29–39 knowledge and intelligence in industrial economy, 22–27 life cycle model, 23 work, 21 Trend analysis, 200 Tyranny of Current Intelligence, 14

Uncertainty, 13–14 Universal organizational intelligence roles and responsibilities, 120–121 Universal roles and competencies, 130–132

Visions of intelligent organizations, 136–137 Visualization models, 159

Weak signals, 148 Win/loss analysis, 201 Work competence, 126