INDEX

Note: Page numbers followed by “n” indicate notes.

Account planning, 25n2
Advertisement (Ads), 123, 145
  attention to Ad and size of donation, 146
Advertising, 66, 167–168
Affiliation, 171
Affinity, social media message using, 145–147
Affirmation, 211–217
Amazon, 214
  Amazon One-Click, 101
  Mechanical Turk, 17
America’s Next Top Model, 266
American Association of Advertising Agencies (4As), 112
Amplitude of Low-Frequency Fluctuations (ALFF), 32
Anagram exercise, 127
Analysis, 43–49
Anchoring, 155, 157–159, 163
Antenatal HIV testing, 149n5
Anticipation, 119–120
“Apple envy”, 153
Apple Watch, 156
Aptronyms, 177–178
Artificial intelligence (AI), 258, 261
  behavioral decision theories, 261–262
  and choice, 257
  combination of behavioral insights and AI, 263–264
  digital health programs, 269–270
  intersection between humanity and technology, 265–266
  and machine learning, 265
  operational transparency, 267
  psychological forest approach, 259–260
  Selling Coach program, 258–259
  threat of automation, 268–269
Association of Tennis Professionals (ATP), 54
Associative coherence, 158
Athletes, 68
Athleticism, 135
Auto-escalation, 97
Auto-sensing windshields, 106
Bandwagon effect, 38
Bandwagon effect, 69–70, 74
Bayesian analysis, 71
BEESY, 221
Behavior(al)
  changes, 70
  decision theories, 261
  economics, 16, 20, 25n2, 89, 115–116, 151–152, 155, 189–190
  people getting labeled affects, 173–180
  principle, 38
  science, 17, 123, 189, 250
  strategy, 65
  targeting, 167
  testing, 238–239
  time machine, 247–248
Behavioral Marketing Summit, 6
Behavioral Time Machines, 92
Behavioural Insights Team (BIT), 80–81
Birth order, 204
Boomers, 190
Brain plasticity, 30
“Brand in” approach, 10–11
Business of choice, 3–4
  brain processes, 7
  “brand in” approach, 10–11
  decision-centric approach, 8–9
  marketing, 4–5, 11–12
  pop-culture phenomenon, 5–6
Calls to action (CTAs), 260
Campaign (magazine), 191
Caudate nucleus, 215
Caudate nucleus, 33
“Cecil”, 77
Celebrity, social media message using, 145–147
Channel factors, 140
CL Pocket models, 211
Cocktail party effect, 57
Cognitive biases, 37, 46–47, 104, 111, 228–229, 245–246, 253
Cognitive consonance, 191
Cognitive disfluency, 145
Cognitive fluency, 139, 143–144, 150n12
Cognitive functions, 34
Cognitive load, 143
Cognitive mechanisms, 23, 37, 89, 245
Cognitive neuroscience, 15
Cognitive pricing, 154
Cognitive processes, 46
Cognitive shortcuts, 47–48
Collateralized debt obligations (CDOs), 26
Colonoscopy, 87–88
Comparison, 152–153
anchoring, 155, 157–159, 163
cognitive pricing, 154
pricing mechanism, 160–161
scarcity, 162
Social Security, 156
Compromise effect, 72–73
Computer voice, 123
Conference on Digital Experimentation (CODE), 17–18
Confirmation bias, 212–213
Construal level theory (CLT), 90–91
Consumer neuroscience, 232
Consumer-centric approach, 4
Context, 185
effect, 177
Context activates evolutionary goals, 169–173
Contextual targeting, 167
Conventional marketing, 57, 172
Conventional thinking, 169
Cortical relief, 145
Cortical remapping (see Brain plasticity)
Cosmopolitan, 253
coup de grâce, 97
Crystalized intelligence, 205
Culture, 196–201
Customer dissatisfaction, 139
Customer Effort Score, 144
Customer service, 139
Data science, 260
Decision making, 37
environment, 258
strategy, 43
system, 29–30
Decision making self-efficacy (DMSE), 126
Decision neuroscience, 15
Decision science, 143
research, 212
Decision tree, 259
Decision-centric approach, 8–9, 211
Deliberative thinking, 46, 224
Descriptive social norm, 69–70
Diarrheal disease, 141
Digital marketing, 22
“Digital nudge” programs, 258
Direct-to-consumer business model (DTC business model), 239
Discriminative network, 262
Disease avoidance, 171
Dopamine, 212
Driver and Vehicle Licensing Agency (DVLA), 80
eBay auction, 167
Ecological validity, 18
Ecologically valid, 226
Electrodermal activity (EDA), 232
Electroencephalogram, 145
Electroencephalography (EEG), 145, 237–238
Emotional contagion, 67
Endowment effect, 104, 107–109, 115–116, 120, 246
Environment affects choices, 180–183
Environmental Protection Agency, 70
Epistemic authority (EA), 213
Ethics, 23
Even consumer-obsessed approach, 4
Event-related potentials (ERPs), 237
Ever-advancing science of choice
CODE, 17–18
marketers, 22–23
marketing, 24–25
Moore’s Law, 16–17
neuroscience, 15
nonconscious processes, 20–22
nudge, 23–24
RCTs, 18–19
Evolutionary selves, 171
Exceptional visionary, 21
Exercise, 249
Eye tracking, 231–232
Eye tracking studies, 69
Face Retirement program, 92
Facial Action Coding System (FACS), 231
Facial emotion expression, 67
Facial expressions, 66–69, 162
recognition, 230–231
Fair and Square pricing program, 154
Familiarity, 51–52, 124
advertisements, 56–57
human behavior, 54–55
matching behavior, 58–59
Oreo Daily Twist, 60
recognition, 53–54
tendency in marketing, 57–58
Familiarity breeds contempt, 61n1
Fast strategy, 201–202
Fear of missing out (FOMO), 116
Federal Trade Commission, 33
Feel attractive, 125
Feeling smart, 129
Film advertising, 66
Film clips, 170
FinalMile’s approach, 7
First-person shooter games (FPS games), 32
5–5–5 plan, 251–252
Flattery, 123–124
Flawsome, 266
Flexitarian, 115
Florence syndrome, 62n11
Fluid intelligence, 204–205
Functional magnetic resonance imaging (fMRI), 17–18, 32, 91, 144, 234–237
functional near-infrared spectroscopy (fNIRS), 235
Fusiform face area (FFA), 67
Future-time reference (FTR), 198
Galvanic skin response (GSR), 232
Garbage in, garbage out (GIGO), 260
Gaze heuristic, 45–46
Gen Xers, 190
Gender differences, 173
Gender stereotype effect, 174
Generative adversarial network (GAN), 262
Generative network, 262
Genetic makeup, 194–196
Gitanos, 203
GlaxoSmithKline’s Oral Health Category (GSK Oral Health Category), 181
“Good Samaritan Study, The”, 183
Google Doodles, 60, 63n18
GPS chip, 171–172
Heuristics, 37, 45, 48, 53, 228–229
High involvement processing, 222
HIV test, 138
Homo erectus, 34
Homo floresiensis, 30
Homo sapiens, 30, 39n3
House (TV show), 222
Human behavior, 54–55, 71
Human brain, 67
evolution, 30
Human Intelligence Tasks (HITs), 17
Human intuition, 37
Human nature, 193, 248, 253–254
Human–human interactions (HHI), 266
Human–robot interactions (HRI), 266
Hunting, 85
Hurricane Katrina, 178
Hyperbolic discounting, 89, 94, 97, 143
Hyperion, 158
Hyperkulturemia, 62n11
Identifiable Victim Effect, 77–78
IKEA effect, 48, 251
Implicit association, 124
measures, 229–230
Implicit association test (IAT), 229–230
Incentive scheme, 105
Individual differences, 190–191
Industrial Revolution, 102
Inequity aversion, 79, 117
Injunctive social norm, 69–70
Innovations for Poverty Action (IPA), 141
“Invisible Gorilla” experiment, 222
iPad (Apple), 221
iPhone (Apple), 221

Joint Attention, 69

Kin care, 171

Language, 108, 197
Leadership gene, 193, 195
League of Legends games, 32
Learned helplessness, 127
Life experience, 201
Life History Theory, 201, 203
Loss aversion, 104, 106, 109, 115–116, 245–246
Low involvement processing, 222
Loyalty, 59

Machine learning, 265
“Mad Libs” style exercise, 92–93
Mad Men (Tv series), 118

Market research
behavioral science research firm, 221–222
behavioral testing/RCTs, 238–239
cognitive biases and heuristics, 228–229
decision making, 223–224
EDA, 232
EEG, 237–238
eye tracking and pupillometry, 231–232
facial expression recognition, 230–231
fMRI, 234–237
implicit association measures, 229–230
improvement, 228
neuroimaging and analysis, 232–234
people saying like can change, 226–228
respondents, 225–226

Marketers, 167
Marketing, 4, 11–12, 21, 24–25, 66, 214
program, 135
Mate acquisition, 171
behaviours, 170
Mate retention, 171
Media context, 172
Media thinking, 172
Mental accounting, 181, 187n21

“Mere-Exposure Effect, The”, 51
Millennials, 190
Mitigating, 115
Money, 152
“Moore’s Law”, 16–17
MRI scanners, 234

National Health Service (NHS), 80
National Museum of the Economy (see Royal Coin Cabinet)
Natural history of choice
ALFF, 32
being part of successful team, 35–38
decision-making system, 29–30, 33–34
human nature comes naturally to marketers, 38–39
plasticity, 30–31
video game studies, 34–35
Natural selection, 37
Naturalistic decision making, 224
Nespresso, 127
Neuro Engagement Score (NES), 67
Neuroeconomics, 232–233
Neuroimaging and analysis, 232–234
Neuroinsights, 233
Neuromarketing Business and Science Association (NMBSA), 240
Neuromarketing research, 232–233
Neuroscience, 15, 212, 227, 232–233, 238
New York University (NYU), 5
Noise, 85
Nominative determinism, 177
Nonconscious
aspects of decision making, 221
mechanisms, 245
processes, 20–21, 24
thinking, 246
Nudge, 23–24, 264
Nurture, 189, 193

Omission bias, 104
Operational transparency, 267
Opportunity, 260
‘Opt-out’ approach, 149n5
Optimism bias, 76, 88–89, 245
Ownership, 108–110

Paper money, 151
Personal empowerment, 70
Index

Persuasion, 74–75
Pig-tailed macaque, 135–136
Piggybacking, 141
Pinterest, 214
Planning fallacy, 253
Plasticity, 30–31
Point-of-collection chlorine dispenser system, 141
Pop-culture phenomenon, 5–6
Popularity, 74
Population Services International (PSI), 76
Pratfall Effect, 266
Pricing mechanism, 160–161
Primacy bias, 86
Primacy effect, 55
Processing information, 143
Project Implicit, 229
Projection bias, 181
Prospect theory, 103–104, 110, 120, 190
Psychological forest approach, 259–260
Public policy, 125
Pupillometry, 231–232
Qualitative Research Center (QRC), 228–229
Quarterly earnings, 247
Random forest, 259
Randomized controlled trials (RCTs), 18–19, 221, 238–239
Rapid eye movement sleep (REM sleep), 251
Rationality, 154
Recency bias, 86–87, 246–247
Recency effect, 55, 87
Recognition, 53–54
heuristic, 53
recognition-primed model, 224
Reference price, 154
Response learning approach, 33
Reverse timetable, 248–249
Rostral anterior cingulate cortex (rACC), 234
Royal Coin Cabinet, 151
rs4950 genotype, 193
Rubbish in, Rubbish Out or (RIRO), 260
“Save More Tomorrow” program, 97
Savoir faire, 125, 148
Scarcity, 38, 116
Schemas, 185
Segmentation study, 190–191
Self-efficacy, 125–126, 128, 131
Self-esteem, 125
Self-protection, 171–172
Self-Storage Association, 103
Selling Coach program, 258–259
Semantic targeting, 168
Serial position effect, 86
Sharing behavior
behavior of others, 65
other people’s behavior, 69–82
other people’s faces, 66–69
Shopper marketing, 184
Shortcuts, 43–49
Simple banner ad from charity, 145–147
Sleepers, 13
Slow strategy, 201
Sludge, 23
Smartphone, 171
Social marketing teams, 142
Social media, 79
Social networks, 71
Social neuroscience, 15
Social norms, 69, 81
Social proof, 79–81
social media message using, 145–147
Social science, 17
Social security, 156
Society of Judgement and Decision Making conference (SJDM conference), 50n8
Socioeconomic status (SES), 202
Sparking joy, 211–217
“Spatial learning” approaches, 33
Status, 171
Status quo bias, 21, 104, 109–111, 120
Stendhal syndrome, 62n11
Stereotype(s), 185
effect, 173
threat, 173, 175
Stromer ST2, 160
Technology, 96
Temporal discounting, 89, 97
Tetanus inoculation, 141–142
Texas sharpshooter fallacy (game), 47
Thaler, 177
Three-dimensional platform games (3D platform games), 33
Torrance Test for Creative Thinking, 252
Transaction utility, 182
Transfer window, 167
Travelfinder, 267
Trial-and-error approach, 260
Triune brain theory, 30
Two rope problem, 249

Ultimatum game, 78
Universal/Individual and Innate/Absorbed Map (UIIA Map), 194
Unrelated emotions brings to decisions, 183
Usability testing, 69
User experience (UX), 36, 69

Variety, 59
Ventral striatum, 25n1

Vitamin D3, 192
Watts theory, 136–137
Willing to accept (WTA), 115
Willing to pay (WTP), 115
Work
  behavioral science, 250
  behavioral time machine, 247–248
  5–5–5 plan, 251–252
  human nature, 253–254
  loss aversion, 245–246
  recency bias, 246–247
  reverse timetable, 248–249
  think differently about way of, 247–248