Index

AIDA model, 30 Albert, 173 Amazon, 171–172, 181–182 Artificial general intelligence (AGI),	analytics, 195–197, 203 lack Hat consultants, 89–90 lue Whale Challenge, 118–119 rand experience, 134–135 rand key performance indicators, 106 lar-Finder service, 45 lannel mix, 103–104 latbots, 72–78 late emotional awareness capacity, 79 lommunication-related digital laterices, 46–47 lonsultative selling, 5–6 lonsumer behaviour, 132–134 lonsumer–consumer interactions, 137 lonsumer decision-making model, lay–150 lonsumers buying decision-making laterices, 154–157 lattomer engagement, 72–78 lustomer relationship management (CRM), 172 lustomers' resource life cycle, 6, 11 lartmouth Summer Research Project on AI (DSRPAI), 182 leep learning, 170 lefaming spam, 89 ligital celebrities, 119 ligital Mall, 44 ligital marketing, 115, 122 ligital marketing, 115, 122 ligital services ligit
--	--

Digital signage (DS), 54 types and pervasiveness, 87–89 augmented/eroded shopping Fakespot, 91–92 experiences, 64-65 Fear of missing out (FoMO), 118 customer engagement, 55 display blindness, 55 General Data Protection Regulation innovative interaction modalities, (GDPR), 64 Generation Z, 149, 151, 197 56-60 in-store digital signage, 54-55 Google Gmail's AI-powered filter, 169 intelligent digital signage, 61-63 Grand models, 149-150 personalization-privacy paradox, Human intelligence, 168 Humanized artificial intelligence, 184 retailer's degrees of freedom, 63-64 smart retail ecosystem, 60-61 Humanoid service robots, 16–17 tech substitute/complement touch, Human-robot interaction (HRI), 64 15 - 16Digital transformation, 190 Hype spam, 89 Display blindness, 55 DS. See Digital signage (DS) Information-related digital services, 41 - 44Easy Dining, 41 Innovative interaction modalities Easy to Park service, 45 augmented reality (AR), 59-60 Electronic word-of-mouth (eWOM), gestures and motion, 59 touchscreen interactivity, 56–57 voice-activated DS assistants, 59 Emotional awareness, 78–79 importance, 79–81 In-store digital signage, 54–55 technical process, 79 Interfaces, 16 International Federation of Robotics, Emotional connection, 73-78 Employee-consumer-consumer 16 interactions, 138 Internet addiction, 123 Internet microcelebrities, 119 Employee–consumer interactions, 137 Employee–consumer third party interactions, 139 Key online influencers (KOI), 141 Entertainment-related digital services, Key performance indicators (KPIs) 47-48 brand, 106 operational, 106 Fake online reviews per customer, 106 causes of, 89-90 consumer responses, 90-92 LoweBot, 16-17, 185-186 contributors to, 89-90 detection capabilities, 92–93 Machine learning, 170 inaction/doing nothing, 91 Metail, 130 intuitively/informally evaluating, 91 Microsoft's Cortana, 169 multiple retail stakeholders, 93 Model my Outfit, 130 self-education, 91

Natural language processing (NLP), 79, 166	Polar Expedition, 47 Privacy concerns, 203
Neural networks, 170	
	Privacy loss, 203
Nonhumanoid service robots, 30	big data analytics, 197
Oca: 4:11: 39	consumers' perceptions, 197
Offline retailing, 38	Privacy paradox, 203
Omnichannel retail management,	Problem-solving selling, 5–6
106–107	Product recommendation systems, 58
channel mix, 103–104	OD 1 45 60
customer journey, 104–105	QR code, 45, 60
definition, 101–102	Quantum artificial intelligence, 177
drivers, 102	
interfunctional integration, 102–103	Radiofrequency identification (RFID)
key performance indicators (KPIs),	60
105–106	RedBalloon, 173
partial interfunctional integration, 102	Reinforcement-learning algorithm, 168–170
progressive interfunctional	Retail agglomerations, 37, 38–39
integration, 102	features, 39
value creation, 98–100	Retailing, 7, 9–10
Online celebrities, 119	agents, 136
Online shopping behaviour, minors,	artificial intelligence (AI), 170–174
122–123	chatbots, 73–78
academic perspective, 121–122	consumer-consumer interactions,
physical benefits, 115–116	137
physical harm, 118–119	customer engagement, 73-78
practical benefits, 114–115	digital age, 38–40
practical harm, 117–118	digital marketing mix, 39-40
psychological benefits, 116-117	emotional connection, 73-78
psychological harm, 119-120	employee-consumer interactions,
Operational key performance	137
indicators, 106	employee-consumer-consumer
Organizational frontline	interactions, 138
artificial intelligence-based	employee-consumer third party,
interaction, 76	139
customer (dis) engagement, 77-78	e-retailing, 129, 140–141
emotional (dis) connection, 77–78	fake online reviews, 87–89
human-based interaction, 75–76	identity, 136
self-service technology, 76–77	interactions, 136
social pleasure, 77–78	retail agglomerations, 38-39
Orientation-related digital services,	scenarios and applications, 137
44–46	service robots (SRs), 16-28
	smart retailing, 150-151

social elements, 131 social norms, 136 ReviewMeta, 92	Social environment, 198–199 Socialisation of the virtual fitting room (SVFR), 129–131, 136 Social media, 61, 118, 132
Sales decision support system, 3–4,	Social pleasure, 77–78
6–7, 11	Social presence, 133–134
Sales process, 5–6	Solution selling, 5–6
Self-service technology (SST), 4–5, 11	SRs. See Service robots (SRs)
definition, 6–7	Store innovation, 10
online settings, 6–7	Store sales cycle model (SSCM), 4-5,
Selling, 5–6, 11	11
SenseMi, 130	Strong artificial intelligence, 168–170
Service robots (SRs), 18	System-based autonomous, 16
customers' behavior, 15-16	
definition, 16	Technology selection, 4–5
impact on customers, 19–27	Terminals, 45
interviews, 29	Thereviewindex, 92
measures and findings, 28–32	Three Laws of Robotics, 182
methodologies, 28	Touchscreen interactivity, 56
observations, 30–32	beer recommendation system, 59
scope delineation, 16	Carrefour, 57
search strategy, 18	product recommendation systems,
self-reported survey data, 29–30	58
tasks, 28	recipes, 57, 58
usage and study setup, 18-28	
uses of, 16–17	Value co-creation
Smart consumers, 149	brand owners and manufacturers,
definition, 153–154	87
Smart retail ecosystem	consumers, 86–87
radiofrequency identification	retailers, 87
(RFID), 60	third-party sellers, 87
smart devices, 60	Virtual fitting room, 134–135
social media, 61	socialisation, 135
Smart retailing, 150–151	Virtual reality (VR), 37
Social elements	Wolmont 101 102 104
consumer behaviour, 132–134	Walmart, 181–182, 184
retailing, 131	Wi-Fi infinity, 114, 117
technology, 132	