Index

Accountability reporting, 129–130
Account set-up time, 120
Activity rates of accounts, 119
Advice for civil organization, 51
Advice for individual journalists, 51
Africa Check, 4, 6, 10, 12–14, 56
African Centre for Media Excellence (ACME), 62–63
African Renewable Energy Distributor (ARED), 147
African Union (AU), 91
Agence France-Press (AFP), 61–62
AI-led transformations, 20–21
Algorithmic-Turn in Journalism Practice, Eastern Africa, 34
Apple Music, 28
Artificial Intelligence (AI), 21
  automated fact-checking. *See* Automated fact-checking
  community media, 28–31
  conceptual framework, 23–24
  conceptualisation of, 25–26
  Dystopia, 22–23
  field of journalism, 21–22
  journalists perceptions on, 28–31
  methodological considerations, 24–25
  Newsroom Production Practices, 27
  technological acceptance and appropriation, 23–24
  tools and affordances, 28
  usable insights, 31–32
  Utopia, 21–22
Associated Press (AP), 34
Audio editing, 28
Audio-to-text conversion systems, 8–9
Augmented reality (AR), 34
Automated fact-checking
  automated journalism, 12–14
  bot training process, 8
  claim detection, 8–9
  claim matching, 9–11
  conceptual frames, 4–5
  infodemic challenges, 7–12
  methodology, 5–6
  newsroom, practices, processes and new dynamics in, 12–14
  results, 7–15
  robot-checking, 11–12
  verification routines, 7–12
Automated journalism, 12–14

Biopsychosocial Model, 74
BOSCO Uganda Tech, 148, 151–152
Bot training process, 8
BRCK, 147

ChatGPT, 49
Chat.openai.com (ChatGPT), 43
Chequeado, 4
Claim detection, 8–9
Claim matching, 9–11
Community
  broadcasting, 19–20
  media, 19, 28, 31
Conceptual frames, 4–5
Connexun, 28
Corruption, 126–127
COVID-19 pandemic, 34, 61–62, 70, 156
Critical data literacies, 158–160
Critical discourse analysis (CDA), 75–76
Crowd Tangle, 49

Data-driven journalism, Nigeria
  challenges of, 134–135
  developing nations, 134–135

development, 128–131
good governance, 136–138
governance, 128–131
historical overview, 127–128
information gathering techniques, 133–134
investigative reporting, 131–132
public good, 131–132
strengthening, 136–138
Datafication, 126–127
challenges, 156–157
critical data literacies, 158–160
locally bred journalism models, 157
pedagogical landscape, 157–158
Decision tables, 43
Decolonial and cultural imperialism theory, 37–38
Democratic Republic of Congo (DRC), 140
Demographic information, 38–39
Diffusion of innovation (DOI) theory, 143–144
Digital accessibility, 72–73
Disabled people, digital media
Biopsychosocial Model, 74
call for action, 83
critical discourse analysis (CDA), 75–76
defining, 77
digital accessibility, 72–73
dynamics of disability, 78
helpless and hapless, 79–80
human rights instruments and policies, alignment with, 80–81
human rights model, 74–75
marginalisation, 71–72
medical model, 73
methods, 76–77
models of disability, 73
nepotism and elitism, allegations of, 82–83
perception, 78–79
policy inconsistency/regression, 81–82
poverty, 78
Social Disability Model (SDM), 73–74
stakeholder engagement, 80
theoretical framework, 75
women and children, 79
Disinformation, 14–15
Dynamics of disability, 78
Dystopia, 22–23

East African Community (EAC), 140
Elitism, allegations of, 82–83
Encyclopaedia Britannica, 129
European Union (EU), 91

Facebook, 28, 43, 60
advertisement spending, 118
post engagement rates, 116–117
presidential candidates' account posts, 114
site posts, tone of, 115
sites, 114–115
Fact-checking organisations, 13
Fake news, Uganda
findings, 58
individual journalists' approaches, 58–59
influences model, hierarchy of, 56–57
literature review, 55–56
methodology, 57–58
news organisations strategies, 60–61
professional standards, 58–59
standards-based approach, 61–63
technology-based approach, 63–64
training and technology, 59–60
Flow charts, 43, 49
Focus Group Discussions (FGDs), 146
Fourth Industrial Revolution (4IR), 90
Full Fact, 4

Gabon, 98
Ghana's 2020 elections, social media, 97, 105, 107, 109, 111
account set-up time, 120
activity on, 120–122
activity rates of accounts, 119

expenditure, 123
Facebook advertisement spending, 118
Facebook post engagement rates, 116–117
Facebook site posts, tone of, 115
media posts, 115–116
messages, topical issues of, 113–114
political history of, 108–109
presidential candidate followers, 114–115
presidential candidates' Facebook account posts, 114
research design, 111–112
support Facebook sites, 114–115
tone of posts, 122
Twitter, 118–119
viability and relevancy of, 112–113
Global South, 35
Google, 4, 43, 59–60
Assistant, 28
Lens, 49
Maps, 59–60
translator, 43
Governments lagging, 98–100
Grammarly, 28, 43

Human rights instruments and policies, alignment with, 80–81
Human rights model, 74–75

ICT Development Index (IDI), 140
Independent Broadcasting Authority (IBA), 19
Individual journalists' approaches, 58–59
Industry 4.0, 90
Influences model, hierarchy of, 56–57
Infodemic challenges, 7–12
Information and communication technologies (ICT), 129
Innovations
users, affordability and accessibility of, 150–151
users' everyday gratifications from, 151–152
International Fact-Checking Network (IFCN), 6
Internet of things (IoT), 21
Investigative journalism, 127, 129–130

Jam Board, 49
Japan International Cooperation Agency (JICA), 150
Jazler Software, 28
Journalism, 100–101
education and research, 51–52
models, 35
Journalism practice in Eastern Africa, Algorithmic turn in
decolonial and cultural imperialism theory, 37–38
demographic information, 38–39
methodology, 38
newsroom contexts, 40
political economy, 37
respondents, academic qualifications of, 39
social construction of technology, 37

Kenglish, 14
Knowledge Hub (kLab), 147

Laws, policies and national strategies, 98–100
Life transformation, East Africa (EA), 140
diffusion of innovation (DOI) theory, 143–144
innovations by users, affordability and accessibility of, 150–151
innovations, users' everyday gratifications from, 151–152
literature review, 141–142
methods and approach, 145–146
nature of the technologies, 147–149
review of related literature, 144–145
socio-technological assemblage theory, 142–143
technological innovation and indigenisation, 141–142

theoretical implications of, 152–153
theoretical perspectives, 141–142
users, diffusion and adoption of, 149–150
Locally bred journalism models, 157

Manual/human monitoring, 12
Marginalisation, 71–72
Mauritius, 95–96
Media posts, 115–116
Medical model, 73
Messages, topical issues of, 113–114
Ministries, Departments and Agencies (MDAs), 133–134
Ministry of Information and Communication (MICT), 150
Misinformation, 14–15
Models of disability, 73

National Bureau of Statistics (NBS), 133
Nation Media Group (NMG), 57–58
Natural language processing (NLP), 22, 28, 90
Neglected Watchdog, 100–101
Nepotism, 82–83
Newsroom
contexts, 40
practices, processes and new dynamics in, 12–14
production practices, 27

Oligopolistic operators, 31
Online communications, 28
Open Government Partnership (OGP), 133

Pedagogical landscape, 157–158
Photoshop, 59–60, 63–64
Piktochart, 43, 49
Policy advice, 51
Policy inconsistency/regression, 81–82
Political history, 108–109
Post-colonial perspectives, 50
Poverty, 78, 126–127
Premium Times Centre for Investigative Journalism (PTCIJ), 128
Presidential candidate followers, 114–115
Privacy/data protection, Africa's orientation towards, 101
Professional standards, 58–59
Pseudocodes, 43, 49

Qualitative interviews, 5
Qualitative semi-structured interviews, 57–58

Radio KC, 28
Relevancy, 112–113
Research design, 111–112
Robot-checking, 11–12

Self-interests, 143
Semi-Structured Interviews (SSI), 25
Short Messaging Service (SMS), 142
Social construction of technology, 37
Social Disability Model (SDM), 73–74
Social media, 14–15, 20, 47, 105, 107, 109, 111, 129, 145, 149, 152
account set-up time, 120
activity on, 120–122
activity rates of accounts, 119
expenditure, 123
Facebook advertisement spending, 118
Facebook post engagement rates, 116–117
facebook site posts, tone of, 115
media posts, 115–116
messages, topical issues of, 113–114
political history of, 108–109
presidential candidate followers, 114–115
presidential candidates' Facebook account posts, 114
research design, 111–112
support Facebook sites, 114–115
tone of posts, 122
Twitter, 118–119

viability and relevancy of, 112–113
Socio-technological assemblage theory, 142–143, 145
South African Broadcasting Corporation (SABC), 19
Spinbot, 28
Spotify, 28
Stakeholder engagement, 80
Stand-alone data journalism outfit, 128
Standards-based approach, 61–63
Sub-Saharan Africa, journalism practice in
African Union (AU), 91
analysis and discussion of findings, 98
European Union (EU), 91
Fourth Industrial Revolution (4IR), 90
Gabon, 98
Ghana, 97
governments lagging, 98–100
Industry 4.0, 90
journalism, 100–101
laws, policies and national strategies, 98–100
literature review, 91–92
Mauritius, 95–96
methodology, 94–95
Natural language processing (NLP), 90
Neglected Watchdog, 100–101
privacy/data protection, Africa's orientation towards, 101
research questions, 91
South Africa, 96–97
technological determinism, 93–94
theoretical framework, 93–94
SupaBRCK, 147
Support facebook sites, 114–115
Tech Hubs, 143
Technological acceptance model (TAM), 23–24
Technology
appropriation, 24
determinism, 93–94
indigenisation, 141–142
innovations, 141–142, 159
Technology-based approach, 63–64
TinEye, 59–60
Tone of posts, 122
Tweet Deck, 49
Twitter, 13, 28, 60, 118–119

UCR Radio, 25–26
United Nations Development Program (UNDP), 130
United State Agency for International Development (USAID), 130
Users, diffusion and adoption of, 149–150
Utopia, 21–22

Valley FM, 27
Verification routines, 7–12
Viability, 112–113
Video editing, 43
Vision Group, 57–58
Volunteer-driven open data platform, 134

Watchdog reporting, 129–130
WhatsApp, 14, 43, 109
Winch Hub, 148
Women and children, 79
World Economic Forum (WEF), 140

YouTube, 63–64, 72, 90, 111