

# Index

- Achievable, 37
- Age, 18, 50, 51, 52, 53, 74, 91
- Agile workforce, 77, 78
- Aging workforce, 49, 50, 52, 56, 57, 72
- AI systems, 8, 10, 61, 66, 67, 68, 84
- Artificial intelligence (AI), 1, 6, 9, 16, 52, 61–68, 103
- Asynchronous appropriation, 33, 35–36
- Automation, 2, 3, 5, 6, 9, 10, 16, 83
- Automation anxiety, 6
  
- Baby boomers, 18, 52, 57, 58, 104, 107
- Big data, 6, 9, 10, 61, 91
  
- Career competency models, 24, 25
- Career pathway development, 56
- Career pathways, 19, 22, 23–25, 56, 57, 75
- Centre for the New Economy and Society, 8, 9, 10
- Chapter case study example, 27–28, 46–47, 57–59, 100–101, 107–109
- Cognitive development, 82–84
- Communication technologies, 29, 30, 33–34, 39, 41, 42, 46
- Composition of the workforce, 50
- Crowdsourcing, 29, 30–31
  
- Developing a recruitment infrastructure, 19, 21–23
  
- Differences between education and training, 6–7
- Disadvantaged workers, 4, 5, 69–89, 92, 95, 103
- Diversity intelligence, 8
  
- Educational technology, 69–72, 96
- Education and skills deficiency, 78–80
- Emerging trends, 105
- Employee engagement, 61–68, 78, 100, 104
- Employee experience (EX), 103, 104–105
  
- Fairness, 61–68, 91
- Flexible and adaptive leadership, 93
  
- Geographic dispersion, 31–32, 42
  
- Hiring paradigm shift, 49–59
- Human–machine collaboration, 14, 26, 84–89
- Human productivity, 82–84
- Human resource development, 1, 18, 52, 78, 79, 98
- Human resource management, 1
  
- Increasing diversity, 23
- Integration of technology in the workforce, 51–52
  
- Job outcomes, 61–68
  
- Knowledge transfer, 54–56

- Learning and development, 52, 53–54, 57
- Low skill, 5, 17, 69–89, 92, 95, 98, 100, 103
- Low skill workers, 2–5, 9, 10, 15, 30, 33, 46, 83, 94, 103, 105, 107
- Machine learning, 7–11, 16, 52, 57, 83, 103
- Managing and developing teams, 19
- Managing people and technology, 91–101
- Managing people with big data, 91–93
- Managing technology, 69–89
- Measurable, 25, 37
- Middle skill, 10, 14, 15, 17, 23, 46, 49, 69–89, 92, 93, 94, 95, 98, 100, 103
- POLC framework, 29
- Potential, 6, 20, 21, 23, 24, 26, 46, 52, 54, 83, 86, 88, 93, 98
- Power, 4, 6, 41, 54, 87, 97, 105
- Productivity, 2, 23, 25, 26, 49, 50, 61, 73, 77, 82, 83, 87, 99
- Relevant, 1, 8, 10, 21, 37, 42, 52, 71, 73, 94, 97, 106
- Retention, 23, 24, 62, 67, 68, 107
- Skills gap, 10, 16, 17–18, 20, 24, 26, 50
- Specific goals/objectives, 37
- Synchronous appropriation, 33, 35–36
- Talent, 17, 18, 23, 27, 49, 50, 52, 54, 58, 73, 91, 92, 93, 101, 107, 108
- Talent management, 91, 92, 107
- Team coordination, 40
- Team structuring, 40
- Team’s goals and objectives, 36–37, 38, 39, 44
- Technology, 1, 2, 5, 40, 49, 52, 71, 75, 89, 91, 92, 94, 95, 96, 98, 100
- Technology adoption, 9, 94–95, 106
- Technology development, 2, 87, 95–98, 99
- Technology disruption, 5–6
- Temporal dispersion, 29, 32–33, 38, 40, 41, 43, 44, 45, 46
- Temporary agencies, 72, 80
- Time-bound, 37
- Upskilling, 10, 16, 25–26, 27, 51, 53, 54, 58, 94, 107
- Valuing people and technology, 97, 98–99
- Virtual teams, 1, 29–47, 103
- Wage inequality, 2–5
- Work and resource plan, 36, 38