

## Unit 1: Introduction to Research Methods. The Scientific Investigation and Ethics in Computing

1. Dawson, C. (2015) *Projects in Computing and Information Systems: A Student's Guide*. Harlow: Pearson.
  - Chapter 2 p 24-25.
  - Chapter 2 p 38-40.
2. Correa, N. et al. (2023) *Worldwide AI ethics: A review of 200 guidelines and recommendations for AI governance*.
3. Finn, M., & Shilton, K. (2023). Ethics governance development: The case of the Menlo Report. *Social Studies of Science* 53(3): 315-340.
4. Fjeld, J., Achten, N., Hilligoss, H., Nagy, A. & Srikumar, M. (2020) *Principled artificial intelligence: Mapping consensus in ethical and rights-based approaches to principles for AI*. Berkman Klein Center Research Publication.
5. Deckard, R. (2023) *What are Ethics in AI*. BSC.
6. BCS. (2021) *The Chartered Institute for IT. The Code of Conduct*.
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8. ACM (n.d.) *Code of Ethics: Case studies*.
9. QuestionPro. (2021) *What is research?*

### Additional Reading

1. Miller, T., Birch, M., Mauthner, M. & Jessop, J. (2012) *Ethics in Qualitative Research*. 2nd Ed. London: SAGE.
2. Chapters 4, 5, 6, 10, and 11.
3. Anderson, H. & Hepburn, B. (2020) *Scientific Method*. The Stanford Encyclopedia of Philosophy (Winter 2020 edition). Metaphysics Research Lab Stanford University.
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6. Gov.uk (n.d.) *Government guidance on Data Protection*.
7. Gov.uk (n.d.) *Government guidance on intellectual property*.
8. Legislation.gov.uk (n.d.) *UK Data Protection Act 2018*.
9. British Research Methodology (BRM). (2018) *Research Approach*.
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11. SAP. (n.d.). *SAP's Guiding Principles for Artificial Intelligence*