



Unit 1 - Reading

Course: MSc Computer Science

Module: Research Methods and Professional Practice

Assignment: ePortfolio

Date: Tuesday 8th March 2022

Student ID: 126853

Required Reading:

ACM (n.d.) Code of Ethics: Case studies.

BCS The Chartered Institute for IT. 2021 The Code of Conduct.

Bott, F. (2014) *Professional Issues in Information Technology*. London:BCS.

Dawson, C. (2015) *Projects in Computing and Information Systems: A Student's Guide*. Harlow: Pearson.

Miessler, D. (2020) The Difference between Deductive and Inductive Reasoning.

Mitchell, J. (2018) Ethics vs Morality. BCS.

Nulli, M., Stahl, B., Ten Holter, C. & de Heaver, M. (2018) Responsible research.

QuestionPro. (2021) What is research?

Stahl, B., Timmermans, J. & Mittelstadt, B. (2016) *The Ethics of Computing*. *ACM Computing Surveys* 48(4):1-38. DOI: 10.1145/2871196

Vanclay, F., Baines, J. & Taylor C. (2013) Principles for ethical research involving humans: ethical professional practice in impact assessment **Part I**. *Impact Assessment and Project Appraisal* 31(4): 243-253.

Vanclay, F., Baines, J. & Taylor C. (2013) Principles for ethical research involving humans: ethical professional practice in impact assessment **Part II**. *Impact Assessment and Project Appraisal* 31(4): 243-253.

Additional Reading:

Anderson, H. & Hepburn, B. (2020) 'Scientific Method' in Zalta, E. *The Stanford Encyclopedia of Philosophy* (Winter 2020 edition). Metaphysics Research Lab, Stanford University.

Bailey, M. et al. (2013) Applying Ethical Principles to Information and Communication Technology Research: A Companion to the Menlo Report.

British Research Methodology (BRM). (2018) Research Approach.

Gov.uk (n.d.) Government guidance on Data Protection.

Gov.uk (n.d.) Government guidance on intellectual property.

Gray, G. (2014) TEDxVictoria 2014: Trust in research -the ethics of knowledge production.

Legislation.gov.uk (n.d.) UK Data Protection Act 2018.

Miller, T., Birch, M., Mauthner, M. & Jessop, J. (2012) *Ethics in Qualitative Research*. 2nd Ed. London: SAGE.

Office for Human Research Protections (OHRP). (2018) The Belmont Report.