Ethical Codes

and

Learning Analytics

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Standards of Conduct

STANDS
OF C

The Codes

- Professional ethics – broad-based ethical codes (4)
- Academic ethics – codes of conduct for professors and staff in traditional academic institutions (3)
- Teacher ethics – codes governing teachers and the teaching profession (7)
- Ethics for librarians and information workers – ethics of information management (2)
- Public service ethics – codes of conduct for government employees (2)
- Research ethics – includes international declarations and government policy (6)
- Health care ethics – including codes for doctors and nurses (6)
- Ethics in social science research – research ethics (1)
- Data ethics – government and industry declarations on the use of study and survey data (7)
- Market research ethics – codes describing the ethical use of data in advertising and market studies (2)
- Journalism ethics – codes of conduct governing the use of public information by journalists (3)
- Ethics for IT professionals – system administration and software development ethics (3)
- Data research ethics – related specifically to the use of data in research (1)
- Ethics for artificial intelligence – government, industry and academic codes (15)
- Information and privacy – principles specifically addressing individual rights (1)
- Ethics in educational research – policies governing educational researchers specifically (3)
- Ethics in learning analytics – government, academic and industry guidelines and codes (7)

Applications of Learning Analytics

Descriptive Analytics

Diagnostic Analytics

Predictive analytics

Prescriptive Analytics

Generative Analytics

Deontic Analytics

Ethical Issues in Learning Analytics

Focus on Ethical Issues

The Good that Can Be Done

Academic or Professional Freedom

Conflict of interest

Harm

Quality and Standards

What are the Limits?

Core Values and Priorities (1)

CORE AND

Pursuit of Knowledge

Autonomy and Individual Value

Consent

Integrity

Confidentiality

Care

Competence and Authority

Value and Benefit

Core Values and Priorities (2)

Non-Maleficence

Beneficence

Respect

Democracy

Justice and Fairness

Accountability and Explicability

Openness

Common Cause / Solidarity

Obligations and Duties

OB
AN

Self

Less Fortunate

Student

Parent or Guardian, Children

Client

Research Subject
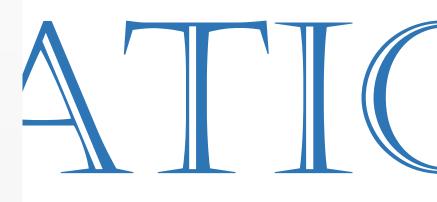
Employer or Funder

Colleagues, Union or Profession
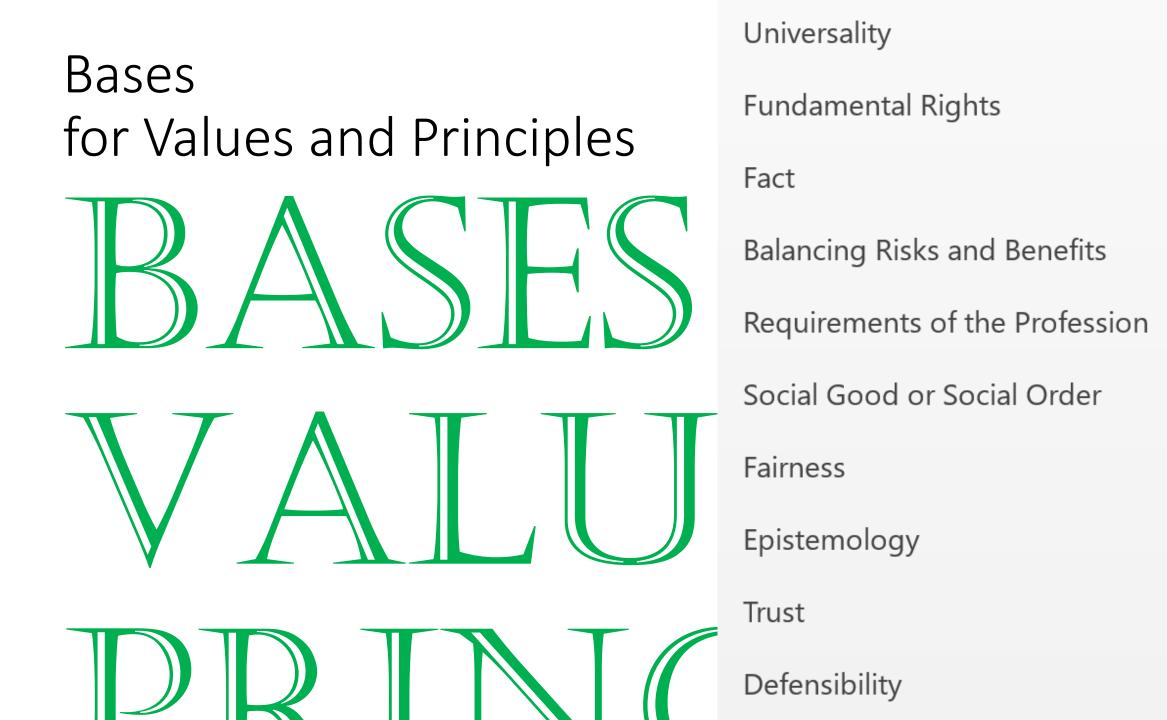
Stakeholders

Publishers and Content Producers

Society

Law and Country

Environment

Bases
for Values and Principles

BASES
VALU
PRINC

Universality

Fundamental Rights

Fact

Balancing Risks and Benefits

Requirements of the Profession

Social Good or Social Order

Fairness

Epistemology

Trust

Defensibility

Conclusions of the Study

- No Code Addresses All Issues

- They Don't Resolve Issues They Address

- Distinction Between Ethics and Law

- No Consensus on Principles

- Conflicting Principles

- Consensus Would Be Insufficient

- Application

- No Consensus on Foundations

- Compliance

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