Areas of Concerns in Data Sharing & Implications for Researchers

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English Language & Literature
5 Areas of Concern

- Data sensitivity
- Consent & ethical review
- Secondary use
- Research data management
- Lack of training & knowledge sharing
Research Data Management (RDM)

How will the data be

Collected/Created
Cleaned/Processed
Analysed

Backed-up
Stored
Accessed

Shared
Maintained
Tracked
Process?

- Archiving? (Research Data Integrity Policy)
- Access? (Who can access, when, for what purposes?)
- Re-use? (by research team? By others?)
International practice for research data management: the data cycle

UK Data Archive: http://www.data-archive.ac.uk/create-manage/life-cycle
Data Sensitivity

• Data types: audio, video, photo, transcript, documents, databases, artefacts, surveys …

• Public institutions? Human subjects?

• Cost
  • To the ‘data donor’ – e.g., embarrassment, censure?
  • To the researcher – e.g., funds, time?
Consent and Ethical Review

Institutional Review Board

… to protect human subjects involved in research projects as well as to support researchers and protect the standing of the institution.

http://research.ntu.edu.sg/rieo/IRB/Pages/index.aspx

I am seeking permission for your child to participate in a research project I am conducting for my NIE Course, MAE895.

(Date)

How will my child’s privacy be protected?
Your child’s responses will be kept private. Only the researcher will have access to your child responses. The responses will not be shared with anyone else.
Secondary Use

Assume you fulfil your research objective. But:

• Who else can use the data?
• For what purposes?
• What type of access is needed?
• Are these people, purposes, types of access covered in the consent & ethics review?
Secondary Use

Advantages:
• Saves time
• Saves money
• Allows for comparison
• Generates new insights
• Generates citations

Disadvantages:
• Inappropriateness
• Lack of control over data quality
• Loss of control over data
  • use
  • interpretation
Lack of Training & Knowledge Sharing

• Are researcher trained for
  • RDM?
  • Research data cycle?
  • Managing data sensitivity (beyond institutional ‘ethics’)?
  • Use of secondary data/ Preparation of secondary data?
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Some useful Websites

• APM
  https://www.apm.org.uk/resources/what-is-project-management/
• iKms
  www.ikms.org
• KMWorld
  http://www.kmworld.com/
• Murray Research Archive. Harvard University.
  https://murray.harvard.edu/about
• University of Leicester – What is research data management
  http://www2.le.ac.uk/services/research-data/rdm/what-is-rdm
Other references


