



RESEARCH DATA MANAGEMENT: BASIC PRACTICES ETHICS & RESOURCES

This guide provides a set of questions for data management in the context of responsible conduct of research.

RESEARCH DATA ETHICS

Research data ethics involve understanding who owns the data and the proper way to use data to reduce risk to research participants, research animals, and sensitive environments.

QUESTIONS TO CONSIDER



GENERAL

- 1) Who owns the data you are collecting?
- 2) How sensitive is the topic of your research?
- 3) How will you control access to your data?
- 4) Does your research involve humans or animal subjects?
- 5) What kind of communication plan do you have in place with your collaborators about research protocols and procedures?
- 6) How are people trained in research protocols and procedures? Who is responsible for the training?
- 7) How will you analyze your data?
- 8) How will you keep track of decisions made when cleaning and transforming data?



HUMAN SUBJECTS

- 1) What precautions will you have to take to protect the identity and wellbeing of your human subjects?
- 2) How will you share your data with your human participants?
- 3) How will you allow your human participants to provide feedback on the research process?



ANIMALS

- 1) What precautions will you have to take to protect the health and wellbeing of your animal subjects?



ENVIRONMENT

- 1) Does your research involve sensitive environments?
- 2) How will you safeguard against the destruction of resources, habits, animals, or social issues that may be associated with your research?

RESOURCES AT KU

- KU Libraries research data management resources: lib.ku.edu/data
- Data security options available: itsecurity.ku.edu/training; itsecurity.ku.edu/research-security-support
- Data classification and handling policies at KU: policy.ku.edu/IT/data-classification-handling

REFERENCES

Clinical Tools Inc. (n.d.) Guidelines for Responsible Data Management in Scientific Research. Retrieved from <https://ori.hhs.gov/sites/default/files/data.pdf>