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# Creation of a Data Management Tool

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Lecture: Data Management in quantitative Biology  
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## **Abstract**

Bla bla blubb

## 1 INTRODUCTION AND MOTIVATION

- based on data → description how to store, analyze, integrate data [1], as well as meta information
- no existing standard, but DAMA-DMBOK as orientation which information are useful (!not complete!)[1]
- Essential aspects concern: - Data acquisition, standards, file formats - Data sharing - Data preservation [1]
- why manage and share data?
- making data available → can impinge positive on the work (concerning discovery and relevance) (<http://libraries.mit.edu/data-management/plan/why/>)
- nice picture of research data life cycle: <http://data.library.virginia.edu/data-management/>

## REFERENCES

- [1] Sven Nahnsen. Lecture notes in data management in quantitative biology, April 2015.