## How to Conduct a Data Management Audit of a Scientific Research Group

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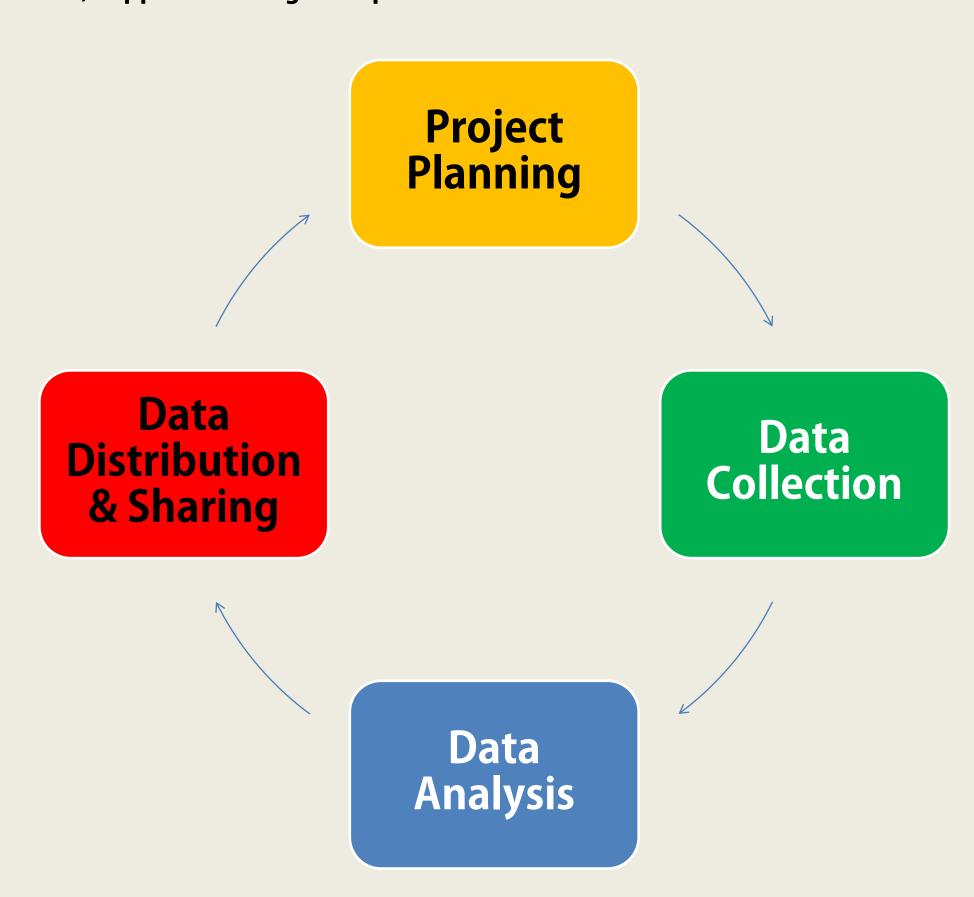




## **Abstract**

As research-intensive science produces increasingly higher volumes of digital data, managing it with long term preservation in mind is more important than ever. Data management has become an often overlooked practice, taking a backseat to the science it supports (Heidorn, 2011; Carlson, Fosmire, Miller, & Nelson, 2011). Libraries and information science professionals can offer valuable assistance in managing that data, as they, historically, have strong skills related to the access and preservation of information and knowledge, such as classifying, describing, distributing, and storing (Pryor, 2012; Jones, Ball, & Ekmekcioglu, 2008).

One such way information science professionals can offer help to their scientific colleagues is by conducting an audit of their data management practices. By conducting an audit, the auditor can identify areas of strength, areas needing improvement, redundant activities, and useful tools. The goal of the data management audit is to increase efficiency and improve data management practices within a research group or project, which will, in turn, support the long term preservation and access of data sets.



**Data Management Audit Lifecycle** 

## References

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