

Plan Overview

A Data Management Plan created using DMPTool

Title: sample

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Template: NSF-SBE: Social, Behavioral, Economic Sciences

Project abstract:

Behavior in banking transactions will be analyzed for changes in language within age groups, gender, and geographical locations in the southeast United States. These changes will be examined against bankruptcy data to determine if there is a correlation between behavior within a bank and future financial success.

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sample

Roles and responsibilities

The DMP should outline the rights and obligations of all parties as to their roles and responsibilities in the management and retention of research data. It should also consider changes to roles and responsibilities that will occur should a principal investigator or co-PI leave the institution or project. Any costs should be explained in the Budget Justification pages.

Project PI will be the primary data creator, and manage data produced and stored from the project. All data produced from the project is expected to be openly shared once the project funding is completed via online websites and repositories such as ICPSR.

Expected data

The DMP should describe the types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project. It should then describe the expected types of data to be retained.

Expected project data includes data tables collected from openly available US Census Data. This data will be analyzed using Excel and R software. Data will also be collected from publicly available datasets such as ICPSR and NYC Open Data.

Collected project data will be approximately 1-2 Terabytes in size.

Period of data retention

SBE is committed to timely and rapid data distribution. However, it recognizes that types of data can vary widely and that acceptable norms also vary by scientific discipline. It is strongly committed, however, to the underlying principle of timely access, and applicants should address how this will be met in their DMP statement.

Project data will be retained throughout the course of the project on the PIs campus data services. Once the project is complete data will be submitted to ICPSR, or Figshare if the data is not accepted by ICPSR.

Once project is complete, data will be scrubbed of personally identifiable information.

Data format and dissemination

The DMP should describe data formats, media, and dissemination approaches that will be used to make data and metadata available to others. Policies for public access and sharing should be described, including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements. Research centers and major partnerships with industry or other user communities must also address how data are to be shared and managed with partners, center members, and other major stakeholders.

Project data is expected to be shared with the scientific community via peer-reviewed journal articles, presentations at academic conferences, poster presentations and white papers in a variety of venues.

The primary data format for data will be tabular spreadsheet data. Manuscript files, presentation materials, graphic images of summary data, and short explanatory videos describing the project are also expected to be produced.

Data storage and preservation of access

The DMP should describe physical and cyber resources and facilities that will be used for the effective preservation and storage of research data. These can include third party facilities and repositories.

ICPSR is a non-profit organization committed to preserving social science research data. It is located at the University of Michigan and currently houses over 3,000 data sets from all areas of social science research. Figshare is a data sharing site created in 2012 that allows researchers to openly share datasets. It has over 1,000 datasets in all areas of the sciences and social sciences.

Project data expected to be contributed to ICPSR include anonymized project data, summary data, an explanatory note(s) for data, and graphics and display items.

Additional possible data management requirements

More stringent data management requirements may be specified in particular NSF solicitations or result from local policies and best practices at the PI's home institution.

Additional requirements will be specified in the program solicitation and award conditions. Principal Investigators to be supported by such programs must discuss how they will meet these additional requirements in their Data Management Plans.

Campus project data requirements include classifying final project data. This action will be done, as well as ensure storage of final project data is commensurate with the appropriate data classification.
