Plan Overview

A Data Management Plan created using DMP Tool

Title: Peer Power

Creator: DMP dmpcurator

Affiliation: University of California, Office of the President (ucop.edu)

Principal Investigator: DMP dmpcurator

Data Manager: DMP dmpcurator

Funder: National Science Foundation (nsf.gov)

Funding opportunity number: 8331

Template: NSF-CISE: Computer and Information Science and Engineering

Last modified: 07-08-2024

Copyright information:

Peer Power

Roles and responsibilities

The Data Management Plan should clearly articulate how the PI and co-PIs plan to manage and disseminate data generated by the project. The plan should outline the rights and obligations of all parties as to their roles and responsibilities in the management and retention of research data, and consider changes that would occur should a PI or co-PI leave the institution or project. Any costs should be explained in the Budget Justification pages.

[Information Redacted at Request of PIs]

Types of data

The Data Management Plan should describe the types of data, samples, physical collections, software, curriculum materials, or other materials to be produced in the course of the project. It should then describe the expected types of data to be retained and shared, and the plans for doing so. The DMP should cover how data are to be managed and maintained during the project.

The data will be arriving as a continuous stream and stored in its raw form as it is received from the individuals, sensors in buildings and individual devices. Given the heterogeneous sources of our data, we will keep all data in text files to maximize usability of the data over platforms and time. Periodically, the existing data store will be extracted, analyzed and archived, so that our overall data set will be incremental in structure.

Data will be acquired from a variety of resources, including individuals, sensors in building and from individual appliances and saved into the text file.

The data will be stored on a single machine with incremental backup and periodically reviewed to check for authenticity, integrity and quality. In addition, we will use regular incremental backup of the data to reduce our vulnerability to any large scale loss or corruption of the data.

Policies for access and sharing and appropriate protection and privacy

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The Data Management Plan should describe the period of time the data will be retained and shared; factors that limit the ability to manage and share data, e.g., legal and ethical restrictions on access to human subjects data; and provisions for appropriate protection of privacy, confidentiality, security, and intellectual property.

Privacy & Sensitive Data Issues: We do not for see any issues in this area. Although we are recording data from individuals, there is no need to record any personal information regarding these people. We will not identify users and any sensitive data will be deleted.

The data is open for use to all so long as we receive proper attribution. We therefore plan to license the data using the Creative Commons License Below: Peer Power by Olga Lavrova is licensed under a [Creative Commons Attribution-NoDerivs 3.0 Unported License](#).

Data storage and preservation of access

The Data Management Plan should describe the mechanisms and formats for storing data and making them accessible to others, which may include third party facilities and repositories; and other types of information that would be maintained and shared regarding data, e.g. the means by which it was generated, detailed analytical and procedural information required to reproduce experimental results, and other metadata.

The data will be archived in perpetuity at the University of New Mexico repository. The data will be available [upon creation | upon conclusion of the grant | after some embargo period] in accordance to the rights policies outlined above.

The data archive at the University of New Mexico is still being developed, but is being built using the Open Archive Information Systems (OAIS) model as its organizing paradigm. The DSpace repository uses Qualified Dublin Core for descriptive metadata. The data archive will keep a separate metadata record in XFDU. This XFDU record will use PREMIS as the primary administrative metadata schema. Additional technical metadata schemas will be incorporated into the record in accordance to current standards in the field. The PI will be responsible for retaining the required metadata, the Data Librarians will organize and format the metadata, and work with the PI to ensure its completeness and accuracy.

Data will be archived in LoboVault, the University of New Mexico's DSpace repository. Primary responsibility for curating and preparing the data for archiving rests on the Data Librarians at the University of New Mexico Libraries.

Additional possible data management requirements

Note that individual solicitations may have additional data management plan requirements. If guidance specific to the program is not available, then the requirements established in the Grant Proposal Guide apply.