

Data Management Plan

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Introduction to the Archival Dataset

- Comes from the University Archives from CMU Libraries
- Consists of photographs of the Margaret Morrison Carnegie College taken in the early to mid 1900's
- These photos display the school's campus and main buildings
- Also shows the female students performing various activities
 - taking classes, studying, socializing in the dorms, playing sports, dancing, etc.
- This type of data is qualitative

Creating my Data Management Plan in DMPTool

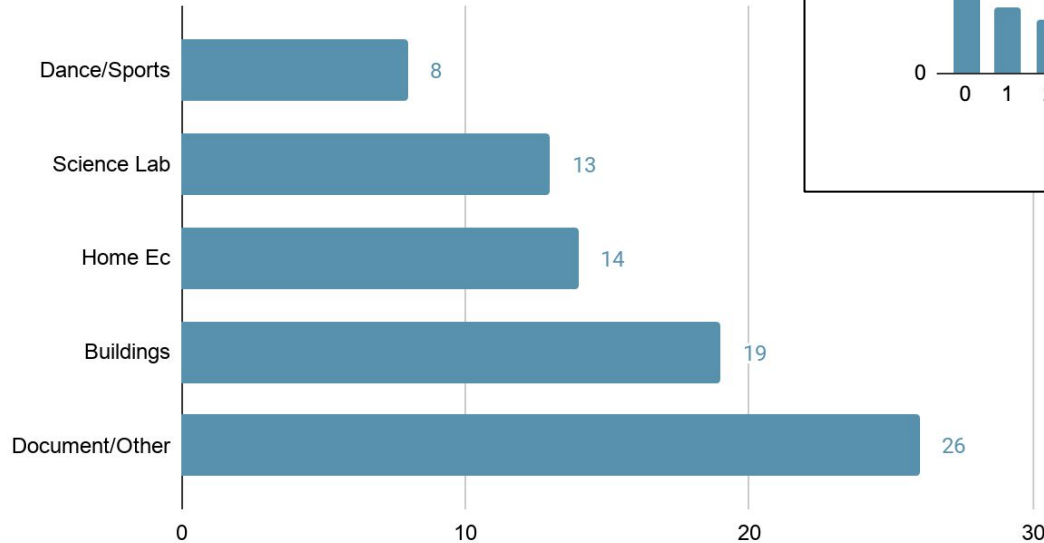
1. Used a software called DMPTool for overall structure and guidance of my plan to preserve and share my dataset
2. Analyzed the Archival Dataset
3. Recorded observations in DMPTool
4. Researched data/metadata standards and potential repositories for the dataset
5. Documented findings in DMPTool

Basic Data Analysis

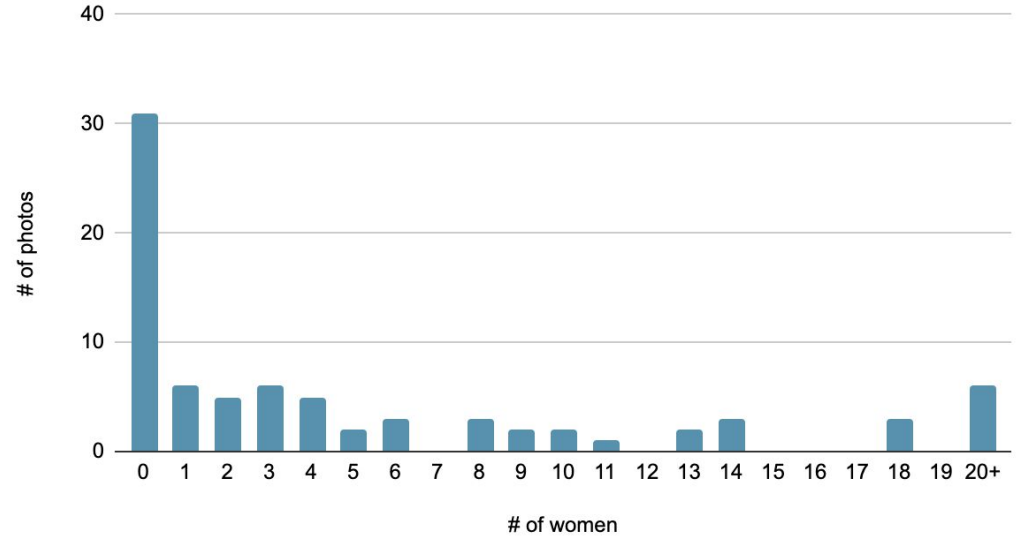
- The photos are stored as TIFF files within the dataset
- Photos were likely taken by professional photographers
 - given the quality and technology present at the time the photos were taken
- Photos show different aspects of the school
 - Makes it seem like the photos were purposefully hand chosen
 - Most likely to illustrate the best parts about the school and what it thrives in
- Purpose:
 - Most likely used for recruiting more girls to the school, showing off the school's amenities, and/or historical documentation

Visualizations

Number of Photos Taken of each Subject



Number of Women Present in each Photo



Pushing a Narrative

- Both visualizations illustrate the importance of balance for college students
 - MMCC promoted the importance of a balanced life rather than just showing off one particular category that the school excelled in.
 - Photos show different numbers of women performing a wide range of activities from taking classes and working on schoolwork to dancing and playing sports outside.
 - These photographs show a narrative that the women at the school were exposed to a wide breadth of educational opportunities and have created a balanced schedule with school, athletics/exercise, social life, etc.

Data Repositories

Dryad Digital Repository

- Benefits:
 - No size limits for datasets
 - Integrated with Scientific Data's manuscript submission system
 - Will take data from any field and any format which makes it easy to use
 - Run by a non-profit committed to spreading data for educational and research purposes
- Cost:
 - \$120 for the first 20 GB and \$50 for each additional 10 GB

Using my Data Management Tool

GitHub Software

- Supports complex version control to help me keep track of my progress
- Supports every type of file
- Easily stores different file types in a single source if needed
- Is a public domain which keeps my research accessible for other people to easily discover and view

Ethical Considerations

- Informed consent
- Voluntary participation
- No harm
- Confidentiality
- Anonymity