

SI 500: Process Assignment #8 - Data Management Plan

Data Collection Spreadsheet: [📄 Data Collection Spreadsheet_p8](#)

Narrative Overview: For our spreadsheet, we added all the assignments' required fields. We also linked our interview analysis spreadsheet, where we plan to code all of our interview data. We filled out as much of the spreadsheet as we can, considering our interviews and supplementary research have not been conducted yet. We have interviews, artifact analysis, social media analysis, secondary research, and surveys planned to reach the 10 required research sources. For each, we have created, or intend to create, documents that we have linked/will link that will host our data and analysis. Here is a breakdown of our supplemental research, their purpose, and what gaps they are intended to fill.

- **Patient Survey, Bala Yaswanth:** A survey designed to gather insights from patients regarding their experiences with healthcare processes such as admission, treatment, and data handling. This data will help to identify the areas where AI can streamline patient interactions, in the form of signatures.
- **Analysis of Healthcare Forms, Jiayu Chen:** Searching for currently used healthcare forms, identifying key aspects of the forms, determining whether each information aspect can be transformed into digital forms, looking into privacy issues through identifying sensitive information involved.
- **Secondary Research, Sirui Qiao:** Researching peer reviewed articles and journals to find more information about how AI can help the triaging system.
- **Social Media Analysis, Zahraa Elghoul:** Analyzing social media forums, posts, and discussions, providing insight into how people feel (unfiltered) about the healthcare admission process as well as AI in healthcare.

In order to prepare for our upcoming affinity diagram assignment, we are going to extract data from our notes (code) and put them into an affinity diagram. We have created and linked (or plan to do so for some) our notes and analysis documents/spreadsheets. Through this affinity diagram, we will be able to identify trends and create conclusions from our research.