# **Project Plan**

The following schedule outlines general tasks and milestones we would like to meet.

**Major Tasks**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Description** | **Format** | **Team members** | **Estimated Draft** |
| Data cleaning | Likely involves the most coding and is the most time sensitive. Quality assessment and some basic data exploration of the raw data will likely be achieved by this step. | Jupyter Notebook  Python | Sukrut  Hannah | March 19th |
| Data Quality Assessment | DQ assessment before and after data cleaning. Cleaned data assessment will be performed by an independent team member | Jupyter Notebook | Nick  Sukrut | March 26th |
| Data Exploration | Descriptive statistics and data composition summaries (e.g., tables and figures) | Jupyter Notebook | Hannah  Kolton | March 26th |
| Data Visualization | Coding and formatting our main figures to show. Some basic visualization may also be generated in earlier steps. | Jupyter Notebook  Other? | Vlad  Kolton | April 9th |
| Presentation | Everyone prepares slides/figures of their content, but one person will compile into a cohesive document | Jupyter Notebook  Powerpoint? | Vlad  Nick | April 16th |

## **Project Deadlines**

|  |  |  |  |
| --- | --- | --- | --- |
| **Deadline** | **Task** | **Format** | **Completed Date** |
| **1/26** | **Submit project group name/members** | **Canvas** | **1/26** |
| **2/16** | **Submit project proposal** | **Word doc via github** | **2/16** |
| **2/23 - 3/2** | **Meet with Instructors** | **Zoom meeting** | **3/3** |
| **3/16** | **Project update** | **Jupyter notebook/csv files via github** | **3/16** |
| **3/30** | **Data wrangling intermediate work presentation** | **Jupyter notebook** |  |
| **3/30** | **Project update via github** | **Jupyter notebook/csv files** |  |
| **4/6** | **Meet with instructors** | **Zoom meeting** |  |
| **4/27** | **Final Project presentation** |  |  |
| **5/4** | **Final submission** | **Data, code, presentation, documentation via github** |  |