

Project Milestone 1

Team Member Names:

- Josh Greenert
- Mithil Patel
- Gabriel Avinaz

Determine your method of communication as a team (Slack, Teams, Zoom, etc.)

Our team will be using Microsoft Teams video calling feature to discuss details and strategize required techniques to complete our project objectives.

Identify a time that you can meet on a weekly basis to discuss progress and next steps

We will be meeting on either Tuesday or Wednesday in the afternoon of each week to discuss the project and strategize our plan to complete the milestones.

Provide high level plan for tackling the project

Our team will primarily focus on two separate datasets to determine which direction seems more feasible. Afterwards, we will build models and visualizations to analyze the data and our findings. Finally, we will create a deck to display the findings of the project and what recommendations we suggest to our stakeholders for consideration.

- **Milestone 1**
 - We have communicated through Teams and Google services to establish our direction and how we intend to reach our expected objectives. We will work together to select a subject along with datasets we feel are meeting the necessities of our project.
- **Milestone 2**
 - From our call on either Tuesday or Wednesday, we will establish the models, methods, and contingency plans to enact in the instance that we encounter extreme difficulties. In the instance that the unexpected occurs, we will establish a second dataset/problem to address with minimal downtime.
- **Milestone 3**
 - At this point, we will be able to determine if our project can proceed in the direction we initially intended, or if our backup plan will need to be utilized. Each of our team members will work together to understand what the data visualizations are telling us to communicate pathways to success.
- **Milestone 4**
 - Data preparations will be described in detail while several models are used to evaluate the data within the given problem. Collectively, we will formulate a conclusion we can make from the data to further establish our set of recommendations for the problem.
- **Milestone 5**

- A powerpoint will be created to highlight the information gleaned from the exploratory data analysis (EDA). With the stakeholder being our CEO, we will cater to our audience with a focus on explaining at a higher level than when describing the data amongst other data scientists. Our final paper will be submitted with an introduction, a summary of our findings and practices, and a conclusion that offers further guidance.