**Project Milestone 1**

**Week 1: Milestone 1**

**1. Rough Project Plan**

1. **Craft a Rough Project Plan:**
   * Outline the tasks and milestones for the entire project.
   * Develop a timeline for completing each milestone.
   * Identify key tasks, deadlines, and dependencies.
2. **Create Teams Folder:**
   * Set up a dedicated folder in the class Teams channel for submitting milestones and peer reviews. (I have not found someone to make peer reviews with yet but I have made a post and will have a partner to review with by next week.)

**Week 2: Milestone 2 / Peer Review**

1. **Select Data:**
   * Research and select a dataset that is large and complex enough to demonstrate predictive analytics concepts.
   * Ensure the dataset is relevant to the business problem I plan to address.
2. **Decide Project Topic:**
   * Define the business problem or question to explore.
   * Consider the relevance and impact of the problem.
3. **Build Project Proposal:**
   * Introduce the problem and its significance.
   * Outline preliminary requirements and expected results.
   * Describe the execution and management plan for the project.
4. **Identify Peer for Milestone 2 Peer Review:**
   * Locate another independent project to review through the Teams channel.
   * Complete the Individual Peer Review Form.

**Week 3: Work on Milestone 3**

1. **Preliminary Analysis:**
   * Begin preliminary data analysis using Python.
   * Develop initial code and analysis based on the dataset.

**Week 4: Peer Review**

1. **Complete Peer Review:**
   * Find and review another independent project.
   * Fill out the Individual Peer Review Form.

**Week 5: Milestone 3**

1. **Complete Preliminary Analysis:**
   * Finalize preliminary analysis and submit the report.

**Week 6: Peer Review**

1. **Complete Peer Review:**
   * Review another independent project and complete the Peer Review Form.

**Week 7: Work on Milestone 4**

1. **Start Building Presentation:**
   * Begin developing the presentation for Milestone 4.

**Week 8: Peer Review**

1. **Complete Peer Review:**
   * Review another independent project and complete the Peer Review Form.

**Week 9: Milestone 4**

1. **Project Presentation & Status:**
   * Finalize the presentation and project status report.

**Week 10: Peer Review**

1. **Complete Peer Review:**
   * Review another independent project and complete the Peer Review Form.

**Week 11: Work on Milestone 5**

1. **Begin Final Presentation and Paper:**
   * Start working on the final presentation and paper.

**Week 12: Milestone 5 / Peer Review**

1. **Submit Final Project:**
   * Finalize and submit the final project paper and presentation.
2. **Complete Peer Review:**
   * Review another independent project and complete the Peer Review Form.

**Final Notes:**

Peer reviews will be prioritized earlier in the week to ensure timely feedback. I tend to work early so most submissions and reviews will be done later in the day. I will be busy every Tuesday night so I will plan my week out on Monday and then start working on things from Wednesday on. Submissions will try to be done by Saturday at the latest giving me one extra day to review or make edits if I need to.