Isabella Sturm

DSC-630

Project Milestone 1: Project Plan

2021-09-01

**Schedule Draft**

* Week 1: Plan for project. Come up with rough schedule to follow to keep project on track.
* Week 2: Starting in week 1 if time permits and into the first half of week 2, research data topics and search for viable datasets for the project  
  Write the project proposal due at the end of week 2
  + Peer review due this week
* Week 3: Begin exploration of the data. Prepare questions to ask about the data and select variables to use for analysis.
* Week 4: Prepare the data for further analysis and modelling. Revisit the data exploration stage if the questions about the data need to be revised/reevaluated
  + Peer review due this week
* Week 5: Finish up any preliminary analysis on the data and write up the document for submission by the end of week 5
* Week 6-8: Create models of the data, figure out the best model and the ensure the best variables are chosen for the model. Revisit any previous steps if necessary.
  + Peer review week 6
* Week 9: Prepare presentation/slide deck of intermediate results so far for submission at the end of week 9. Can continue working on modelling and evaluating models.
  + Peer review this week
* Week 10-11: Finalize models and visualizations showing the results of the analysis of the dataset chosen. Draw conclusions and any action items derived from the data analysis.
  + Peer review due week 10
* Week 11-12: Prepare final presentation with audio. Write final paper/report detailing the analysis performed and conclusions drawn from the analysis for submission.
  + Peer review due week 12 (ending Saturday instead of Sunday)

**Rough Plan**

Above I have laid out a high-level schedule to follow to complete each milestone for this course project. Also, keeping up with class assignments and readings as well as doing additional research into topics and trouble areas related to each milestone will ensure I am able to complete each milestone with minimal issues because I will be learning relevant information as I am working on project. Teams is another resource I can utilize to get input from classmates when I do struggle or feel stuck.

I plan to take advantage of all the resources available to me (assignments, textbooks, Google, classmates) in order to successfully complete this project.