

## Milestone 1

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DSC 630

### M1

Week 1: Milestone 1- I plan to work independently for this course project.

Week 2: Milestone 2- I want to first explore various datasets I have currently saved on my laptop that are in the form of a CSV file. However, I need to consider the whole course project requirements in general. I will need to identify a business problem to address through predictive analytics. I will need to distinguish potential use of predictive analytics, formulate the problem, diagnose the right sources of data, analyze data, and prescribe actions to improve not only the process of decision making but also the outcome of decisions. I also need to remember that I have to utilize both R and Python. In this milestone as well, I need to write a 5-7 page proposal of several requirements reviewed in the course project rubric after I possibly decide a dataset worthy of all conditions being met. The last action I need to do is peer review on my classmates' course project who are working independently just like me.

Week 4: Peer Review- I will review and offer suggestions to improve my classmates' course project who are working independently just like me.

Week 5: Milestone 3- This is the preliminary analysis or beginning of my final paper for the course project. Hopefully, by this milestone, I will have a good base on which dataset I want to perform a predictive analysis upon.

Week 6: Peer Review- I will reexamine and possibly offer new suggestions to even better improve my classmates' course project who are working independently just like me.

Week 9: Milestone 4- This is a PowerPoint presentation with about 8-15 slides similar to that final paper requirement. By this milestone, I should have a good, almost completed analysis performed upon my dataset as well as what steps I need to do to finalize my predictive analysis. I will also need to do is peer review on my classmates' course project who are working independently just like me.

Week 10: Peer Review- I will inspect and possibly offer final suggestions to even better improve my classmates' course project who are working independently just like me.

Week 12: Milestone 5- I will need to have an audio presentation that lasts 15-20 minutes going over my final results for the course project. The other must-have for this predictive analysis is my finalize paper report that is 8-10 pages long that will go into detail about my final results for the course project. I will also need to do one last peer review on my classmates' course project who are working independently just like me.

*Addendum:*

Throughout the weeks for this course, I need to balance work, discussion posts on Teams for both my courses, and time to maximize working on my assignments as well as course projects for both courses I am taking. I need to not procrastinate along with not relying on working on programming during the weekend only.