**Course Project Deliverables**

DSC630\_Predective\_Analytics

Milestone1

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I choose to work independently on the Project for the course.

Given is the high-level plan of performing each step at every milestone.

**Week1: Milestone1**

Define a plan of action to implement the final project by executing the step-by-step process to achieve predictive outcome for chosen dataset.

**Week2: Milestone2**

Explore and choose a dataset on which I plan to work for final project.

Understand the elements in the dataset. Define the expected outcome of what is desired to achieve.

**Week3: Peer Code Review**

Work on my project next steps and make necessary changes based on feedback received.

I will perform peer reviews with other classmates who also has chosen to work independently.

**Week4: Milestone3**

Explore the dataset and elements to check if any external need to be collected in relation to the chosen dataset. Cleanse the dataset to remove the unwanted data. Join the data with external data collected from internet. Fill in any incomplete data elements.

**Week5: Peer Code Review**

Work on my project next steps and make necessary changes based on feedback received.

I will perform peer reviews with other classmates who also has chosen to work independently.

**Week6: Milestone4**

Reduce the number of data elements to consider only the fields which has variance and can impact outcome by performing dimensionality reduction.

**Week7: Peer Code Review**

Work on my project next steps and make necessary changes based on feedback received.

I will perform peer reviews with other classmates who also has chosen to work independently.

**Week8: Milestone5**

Apply machine learning algorithm to find the desired outcome.

**Week9: Peer Code Review**

Work on my project next steps and make necessary changes based on feedback received.

I will perform peer reviews with other classmates who also has chosen to work independently.

**Week10: Milestone6**

Calculate the accuracy of the model by using different score values and approaches.

**Week11: Peer Code Review**

Work on my project next steps and make necessary changes based on feedback received.

I will perform peer reviews with other classmates who also has chosen to work independently.

**Week12: Final Project Submission**

Based on the peer code review and feedback received, apply different algorithms and document the final outcome of the project analysis.