**Milestone1**

I will be doing the project independently as part of this course DSC630 (Predictive Analytics).

I have already created a folder with my name in the class Teams channel where I will be placing all the documentation for the project milestones for peer reviews.

**Project Plan:**

Here is my rough project plan on how I would like to accomplish each milestone and tasks.

* As stated above, I would like to work independently due to the nature of my work schedule.
* I will most likely be spending around 10-20 hrs per week mostly late nights and early mornings across the week to accomplish each milestone.
* For milestone1, I would be creating a folder in Teams channel and identifying 3 other projects for peer reviews in upcoming milestones.
* For milestone2, I would come up with the data selection from Kaggle, Google Public Datasets, Bureau of Justice Statistics and similar sources and my project proposal. I will be outlining details on what datasets are considered and the problem statement , what models I’m going to use , how do I plan to evaluate results, what will I be learning and assess any risks involved in it.
* For milestone3, I will take a relook at milestone2 and update any info if required and then start to explore the data and come up with preliminary analysis for the same. I would also like to guage if I can answer my questions for the data I selected, what sort of visualization can I use to explain my data and see if I can adjust my data questions and choice of models/evaluation choices.
* For milestone4, all the technical work is being done along with all the details from milestone3. I would like explain in detail on my process of data preparation, building and evaluating the model(s) , interpretation of results and formulate a conclusion or recommendations.
* For milestone5, I would encapsulate all the info from prior milestones and come up with final paper and presentation for my project.
* Along this whole process, I would love to interact with my peers in the class on Teams channel to clarify or address any of the questions if I or others might have to ensure I learn and understand all the concepts and process as much as possible.

For Milestone2 and later, I would like to perform peer reviews for following projects/peers.

1. Dan Clayton
2. Sucharitha Puppala
3. Sean Kerr