**Course Project: Milestone 1**

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**Step1:**

**The first step is to determine if you are doing the project independently or as a team. Teams can have 3 students max. Based on this decision, follow the below instructions for submission.**

I am planning to do course project independently but I will communicate with my classmate for peer review and help for the entire project.

**Independent Project Requirements:**

**If you are working independently, craft a rough project plan for how you will accomplish each milestone and task, what your project work schedule will be like, etc.**

I have not gone through the entire course but as per my knowledge I am going to use predictive analysis models for this project to predict the future outcome based on the available data. I am not sure, but I will try to use all models and methods to analyze the data to predict the best possible result.

To complete the project I will discuss with my professor and classmates about the datasets. Probably I will choose COVID-19 dataset for further analysis and prediction of the future death, recovery time, new cases, total tested cases and so on. To achieve this, I will apply either supervised learning algorithms or unsupervised learning algorithms. Obviously, I need to clean up and perform the transformation on the raw data. I will do properly otherwise it might lead the bad model and wrong result.

**Rough project plan to accomplish each milestone and task:**

I will go through follows ways.

1. I will choose the datasets based on the requirement.
2. I will clean up, handle missing data, and perform the transformation, and so on to make the dataset ready for further analysis.
3. I will use the some models among them such as regression, cluster, classification, Association etc.
4. I will do some visualization using matplotlib, seaborn and ggplot2 of the variables and its relationship to make it more readable and understandable.
5. I am not sure which programming language do I need to use but I will ask with my professor and follow his/her advice.
6. While working on project, I am sure I will face many problems but I will keep in touch with my peer and professor for help but before that I will go through the possible troubleshooting using youtube video and Quora discussion via google.
7. After successful completion of the project, I will write the summary report based on the requirements.
8. At last, I will update my project on my github account for backup and job marketing.

**If you are working independently, you need to create a thread in the discussion board “Course Project Deliverables” – you will use this thread the remainder of the course for other independent team members to be able to review your work. Failure to do this, will result in your inability to complete a peer review.**

Of course, I will create the thread under the given topic “Course Project Deliverables”.

**Submit the requirements to the assignment link provided. This information will be used for the instructor to create a group within Blackboard that will have a location for assignment submission and a group discussion board. If you are working independently, you will still have a group created for you, but will only be visible by you and the instructor.**

Yes, I am submitting this on provided link.

**This is the only milestone that won’t be submitted via your group.**

I got it. I will send independently for now.

**Start discussing your topic and dataset as a team, as this will be due the following week.**

As you said, I will start to discuss on topic from following week.

**Conclusion:**

I think, I have completed milestone1 but I am not sure what are you expecting? If I did mistake and did not follow the format let me know I will correct it in future.

Thanks