

Healthcare Project

Data Analysts:

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Client/Sponsor: Krista Naccarato

Purpose:

Every country in this world has experienced the brunt of COVID-19 in some of the other manner. It has had massive repercussions on the global economy. One of the main repercussions is the high toll of deaths which haven't stopped completely even after 3 years since the first case report. But before this pandemic, there were many causes of death that were subdivided and classified in a cluster. This classification was termed as **ICD (International Classification of Diseases)** as mentioned above followed by codes for different clusters of diseases. I gained some knowledge about this coding system in this course in the form of my labs and I were peaked to find more about the criterion/criteria of the division of ICD codes and so on. Initially, when I was finding the project domain for my project, I started finding datasets of COVID-19 and Mortality rates and I found this page of mortality rate by age, year, gender, sex, and most important cause of death under the ICD-9 group on the WHO website.

Scope / Major Project Activities:

| Activity | Description |
|--------------|--|
| Ask, Prepare | After deciding project, I will be going to perform ask and prepare phase of data analytics life cycle. Where I define business questions. |
| Process | Here, I am going to perform cleaning and make data ready for the analysis phase |
| Analysis | Using the business questions that were defined in the Ask phase I will find some meaning full insights. |
| Share | I will tell a story of insights and findings that we found in previous phase will going to share in from of stakeholder. |

This project does not include:

- Any machine learning model.
- Any future predictions.

Deliverables:

| Deliverable | Description/ Details |
|---|--|
| PPT | There will be one ppt to present in front of the class and instructor that covers what is all project about. |
| Report | There will be one summary report that will include every single tiny detail to review it what I have perform to complete this project. |
| SOW (Scope of Work) | If any changes must be done during project than I will change section related to those changes in our current SOW. |
| Changelog | A changelog is a document used to record the notable changes made to a project over its time across all its tasks. |
| Exploratory data analysis (EDA) python file | It used to know all about your datasets at base level. Mostly used in process phase. |

Schedule overview / Major milestone:

| Milestone | Expected Completion Date | Description/Details |
|-----------------|-------------------------------|--|
| Project minutes | Every week on Tuesday | To inform that project is on track |
| PPT | April 19 th , 2022 | Presentation of my project findings |
| Report | April 25 th 2022 | Overall details about project and it's process |

*Estimation of completion:

- If all goes well and I have everything I need, this is when I'll be done by April 19th, 2022.