**Research Question:**

* How can we **investigate the vulnerabilities** of AI models in predicting COVID outcomes by **identifying** potential **presence of poisonous data** using **statistical analysis**, and what mitigation strategies can be proposed to improve model robustness?

**21-Monday to 27-Sunday August**

1. Clustering Analysis on all the cities.
   1. Status: Done
   2. Members: Polash, Parminder, Bosede
2. Make a Model
   1. Status: Done
   2. Kabir, Tanzina
3. Go through the resources shared by the professor
   1. Status: New
   2. Members: Parminder,Bosede
   3. Goal: Share the summary or keypoints and also somethings we can also include in our research.
4. Timeseries Forecasting
   1. Status: Done
   2. Subtask 1: Group the data with Date
      1. Member: Mayeen, Adnan
   3. Subtask 2: Make the Timeseries model
      1. Member: Navid
5. Find any alternative method for clustering
   1. Status: Failed
   2. Member: All,
   3. Time: Now
   4. Goal: Find alternative approaches clustering
6. Statistical finding of the ML Model( Dependence on Task 2 )
   1. Status: In Progress
   2. Polash and Mousumy apu
7. Further Statistical Finding and visualization
   1. Members: Promi and Sojib
   2. Goal: Extract the outliers, quartiles for each columns and export a csv file.
8. Go through research papers
   1. For the backbone of our **list of** model selection
   2. Members: Mousumy apu, Khuku Apu, Tanzina, Bosede
   3. Goal: List of models and their judging metrics