# Project Meeting Minutes

*The main purpose of the document is to capture all the work that has been done by the group and* ***not*** *to write down what was discussed in a single meeting. You should be meeting and/or working throughout the week*.

Date of meeting(s): **02/03/2023**

Group Number: **07**

Group members present (Name, ID):

* Mohmad. Faizal Kazi **0783366**
* Aleena Almeida **0788193**
* Pradeep Kumar Tomar **0789140**
* Akash Sharma **0785748**
* Jay Patel **0789561**

Specific Activities that were completed/worked on:

* List brief description of activities carried out **by group members.**

1. **Data cleaning of forecasting dataset:** Akash and Aleena
2. **EDA in forecasting:** Pradeep, Faizal, and Jay
3. **Assessment 1 :** Group work

Specific Output from work:

* Include a brief summary of any written work or any code developed.

**Akash and Aleena worked on the data cleaning and performed the tasks below.**

1. Extraction of data
2. Counting for empty/null/duplicate values
3. Median approach to fill all the empty/null values.
4. Dropped all unwanted columns from data frame.
5. Perform steps in EDA/detecting outliers.

**Pradeep, Faizal and Jay prepared EDA questions for forecasting and prepared the visualizations using Tableau.**

1. Total Test vs Total Deaths
2. Top3 countries with New Cases
3. Total death location wise
4. Total cases
5. Death vs Vaccine
6. Average death Country wise
7. COVID-19 impacts on 65 years old.

On Target:

* Indicate the current status of your project:
  + \_\_\_\_\_ **green**: everything on track for completion by due date
  + \_\_\_\_\_ yellow: a small number of tasks are off track and completion by due date is at risk
  + \_\_\_\_\_ red: many tasks are off track and project will not be completed by due date

Challenges/Disagreements:

* List any challenges identified/discussed and possible solutions.
  + include tasks causing a yellow or red flag for your project.
* List any notable disagreements and subsequent discussion and resolution.

1. We faced little difficulty during data cleaning, as there was conflict of opinion. What attributes should be kept and what attributes need to be removed.
2. We have removed, few columns of numerical data type as they were not required as per our analysis.
3. There were lot of disagreements between the team during the selection of attributes for exploratory analysis. However, in the end we got the correct questions that are important and helpful for the analysis.

Planned Activities for coming week:

* List brief description of activities **by group member**
* Make sure tasks are assigned to address yellow and red flag items.
* **Akash and Aleena**, will do R&D on image dataset and figure out what model will be appropriate for it.
* **Pradeep, Faizal and Jay,** will work to identify what model will be appropriate for forecasting time series data and EDA example Random Forest model.