**<Forecasting>**

**Business Objective:**

**Particulate matter (PM ) has been recorded in Delhi to understand the air quality on an hourly basis for 4 months. Our objective is to forecast the data available .**

**Data Set Details:**

**PM2**. **5** refers to atmospheric particulate matter (PM) that have a diameter of less than 2.5 micrometers, which is about 3% the diameter of a human hair and usually seen through a microscope.

<This dataset consists of 2300 observations>

**Acceptance criteria:**

- Should get the least possible RMSE and the model should be deployed using Flask/ RShiny/Heroku.

**Milestones:**

30 days to complete the Project

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| **Milestone** | **Duration** | **Task start - End Date** |
| Kick off and Business Objective discussion | 1 day |  |
| Data set Details | 2 days |  |
| EDA | 1 week |  |
| Model Building and evaluation | 2 weeks |  |
| Deployment | 4 days |  |
| Final presentation | 1 day |  |

Protocols:

1. All participants should add here to agreed timelines and timelines will not be extended
2. All the documentation – Final presentation and R/python code to be submitted before the final presentation day
3. All the participants must attend review meetings