*Internet Traffic Prediction:*

**Business Objective:**

The goal is to predict internet traffic using a time-series forecasting technique to optimize resource allocation. Many real-world organizations, such as e-commerce retailers like Amazon, Ebay, and others, use such applications to predict and monitor internet traffic. You can forecast the Internet traffic in this project using time-series models as ARIMA and Holt-Winters. This project involves comparing the performance of the time-series prediction models designed of different approaches.

**Acceptance Criterion:**

Need to deploy the end results using Rshiny/ Flask / Heroku.

**Milestones:**

**30 days to complete the Project**

| **Milestone** | **Duration** |
| --- | --- |
| Kick off and Business Objective discussion | 1 day |
| Data set Details | 1 Week |
| EDA | 1 week |
| Model Building & Evaluation | 1 Week - 1 1/2 week |
| Deployment & Final presentation | 1 Week |

Protocols:

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