**<Churn rate Prediction>**

**Business Objective:**

**To predict whether a customer is going to cancel the booking or not .**

**Data Set Details:**

<This data set contains booking information for a city hotel and a resort hotel, and includes information such as when the booking was made, length of stay, the number of adults, children, and/or babies, and the number of available parking spaces, among otherThis data set contains booking information for a city hotel and a resort hotel, and includes information such as when the booking was made, length of stay, the number of adults, children, and/or babies, and the number of available parking spaces, among other thin thin>

<This dataset is having more than 1+ lakh booking details and some of the data was anonymized for privacy.>

**Acceptance criteria:**

<To build the best model which gives the maximum performance, and need to deploy the model with either RShiny or Flask >

**Milestones:**

30 days to complete the Project

| **Milestone** | **Duration** | **Task start - End Date** |
| --- | --- | --- |
| Kick off and Business Objective discussion | 1 day |  |
| Data set Details | 1 Week – 1 week |  |
| EDA | 1 Weeks – 1 ½ week |  |
| Model Building | 1 Week – 1 ½ week |  |
| Model Evaluation | 1 week |  |
| Feedback |  |
| Deployment | 1 Week | 04-02-2020 |
| Final presentation | 1 day | 05-02-2020 |

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