

# Precog Recruitment Task

## Data

The dataset comprises customer data for a telecommunications company, including information regarding whether customers have experienced churn or remained with the company.

Please download the data from [here](#)

## Data Analysis

1. Begin with necessary preprocessing, explore the data, and produce at least five insights about the data. Demonstrate your data exploration/analysis skills. Surprise us with your creativity!
2. Visualize the data using appropriate plots.

## Machine Learning

1. Given the dataset - figure out a classification/prediction problem. Come up with an interesting problem except churn prediction and generate at least three insights.
2. Do all the necessary steps for building the model and generating insights. Following is the indicative (but not complete) list of steps that you should implement
  - a. Data splits
  - b. Trying out models
  - c. Reporting performance measures

## Submission

- Put all your code/notebooks in a GitHub repository.
- Maintain a README.md explaining your codebase, the directory structure, commands to run
- your project, the dependency libraries used and the approach you followed.
- The link to the GitHub repository will be asked for during the interview.