**Customer Churn Exploratory Data Analysis(EDA)**

The telecom customer churn dataset is a collection of data related to customer behavior in the telecommunications industry. It includes information on customer demographics, usage patterns, and churn behavior. The goal of the dataset is to predict which customers are most likely to churn, or cancel their service, based on their behavior and characteristics. The dataset is useful for businesses in the telecommunications industry to better understand their customers and improve retention rates. It can also be used as a case study for machine learning and predictive modeling techniques.

We followed the following sequence of steps to solve

this problem statement:

1. Importing the required libraries
2. Import the data set that is already uploaded in google drive folder
3. Basic inspection was done on the raw data to check the number of columns, understanding distribution of data and checking statistics of the data in each variable. Missing values were checked and cleaned.
4. Understand the variable and explain the variable description
5. Worked on data wrangling
6. Then visualize the data and get insight from the visualization
7. Solution to business
8. conclusion