**Reduce customer churn of Tele**

1. **Problem Definition and understanding:**

Reduce customer churn rate and clearly define what constitutes churn for tele

Set the Goal: reducing churn by a certain percentage

1. **Data collection:**

Checking the data source, collect them in one place and try to gather relevant datasets, including customer demographics, account details, service usage, payment history, customer service interactions, and churn status.

1. **Data Cleaning and Preprocessing:**

use techniques of preprocessing depend on your data need to make it clear from any noise or any missing values such as (Handling Missing Data, Encoding Categorical Variables, Scaling Features, outlier detection, and normalization or scaling of numerical features)

1. **Model Selection and Training:**Select appropriate machine learning algorithms for churn prediction. Then divide the dataset into training, validation, and test sets to ensure the model can generalize well. After all that feed your model with the training set and tune hyperparameters
2. **Model Evaluation** Evaluate model using relevant metrics such as accuracy precision recall and f1- score this metrics help us to assess the effectiveness of the model on predicting churn
3. **Deployment**Deploy the model into a executable environment where it can continuously predict churn probabilities for new or existing customers