**Project Instructions**

Does Logistic Regression or Random Forest produce a higher accuracy score in predicting telecom churn in India?

* Load the two CSV files into separate DataFrames. Merge them into a DataFrame named churn\_df. Calculate and print churn rate, and identify the categorical variables in churn\_df.
* Convert categorical features in churn\_df into features\_scaled. Perform feature scaling separating the appropriate features and scale them. Define your scaled features and target variable for the churn prediction model.
* Split the processed data into training and testing sets giving names of X\_train, X\_test, y\_train, and y\_test using an 80-20 split, setting a random state of 42 for reproducibility.
* Train Logistic Regression and Random Forest Classifier models, setting a random seed of 42. Store model predictions in logreg\_pred and rf\_pred.
* Assess the models on test data. Assign the model's name with higher accuracy ("LogisticRegression" or "RandomForest") to higher\_accuracy.