**Telecom Customer churn Analysis :-Task to perform:-**

* Preform the Exploratory Data Analysis.
* Data Visualization.

Univariate Analysis on Each variable:-

* What is the distribution of the each variable in data set.
* For Numerical Variable what are the summary statistics like mean, median, mode etc.
* For Categorical Variable what are the frequency count and churn rate of the each variable using plot.

**Numerical Analysis on Numeric Variable:-**

* How do numerical variable such as monthly charges, total charges and the tenure group are different between churned and non-churned customers.
* Are there any correlations between numerical variable that could indicate the potential relationships or the patterns related to churn?

**Bivariate Analysis using Dummies Variable:-**

* How do Dummy variable created from categorical variables.
* Are there any significant difference in churn rate among customers with different combinations of Gender with partner or with Payment Methods.

**Reason and Insights for the Customer churn:-**

* Which variable appear to most strongly associate with customer churn base on the analysis performed?
* Are there specific services, contract types that are particularly indicative of churn?
* Can any actionable insight be derived from the analysis to reduce customer churn and improve the retention strategies?