Summary

Model building and prediction was done for company X Education to find ways to convert potential users.
The below steps were used in creating the LR Model:

- **EDA (Exploratory Data Analysis)**:
Data Cleaning, Treatment of Missing Values

- **Train-Test Split & Scaling :**
Standard 70-30 split was done on the data and then proceeded with scaling the features

- **Model Building:**
Leveraged the topics of Accuracy, Specificity & Sensitivity
Understood the ROC curve, with the cut-off value as 0.3 and ROC achieved at 0.97
Training the Data and understood the predictions
Tested the data to validate out hypothesis

- **Conclusion :**
Understood the impact of the top variables on our analysis.
Learnt the practical use of a version control by creating GITHUB repository, pushing the files into it and sharing the project.