Summary

The model building and prediction is being done for company X Education and to find ways to convert potential users.

The below steps were used in creating the LR Model:

- **EDA (Exploratory Data Analysis)**:
  Cleaning the data , Missing Value treatment
- **Train-Test split & Scaling :**
  Did the standard 70-30 split on the data
  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 pushing the data into GITHUB