**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