

Here you will find the links of codebase for all the google colab notebooks, with extensive exploratory data analysis and building several models to predict if a customer will take a term deposit.

1) **Exploratory Data Analysis and Feature Engineering:**

- [A basic analysis of the data](#)
- [Understanding impact of each feature based on people who took a term deposit](#)
- [Polynomial Features](#)
- [Feature Selection](#)

2) [Logistic Regression and deal with ethical biases.](#)

3) [Support Vector Machines.](#)

4) [Random Forest model](#)

5) [LightGBM model](#)

6) [K-means clustering](#)

7) [Hierarchical Clustering](#)

8) [Principal Components Analysis](#)