**Bank Loan Modelling**

**Summary:**

**The** Banks wants to give the personal loan for the customer who meets the eligibility and give call to the customer. Bank gives personal loan for the customer by their income, job experience, repayment capacity. Using the existing data of the customers who subscribed and not subscribed for the loan according to the factors given in the data. The here we are going to train the existing data using machine learning algorithms and fit the model to test data which we are going to predict that customer will take personal loan or not. we are getting insights of the data by data visualization using Tableau 2019.3.

**Tools**

Tableau and Python

**Tableau 2019.3**

**Tableau** is the fastest growing data visualization **tool** that aims to help people see and understand data. In other words, it simply converts raw data into a very easily understandable format. Data analysis is great, as it is a powerful visualization **tool** in the business intelligence industry.

**Algorithms In Python**

Machine learning Algorithms

Random Forest classifier

Decision tree classifier

Logistic Regression