Training Project

Hello Coder ,

As per Guidelines of **Technocolabs** Training during **#100DaysofCode** you have to submit Your Project as per below descriptions.

Project Name : Build a machine learning model to predict if a credit card application will get approved.

Project Description :
Commercial banks receive a lot of applications for credit cards. Many of them get rejected for many reasons, like high loan balances, low income levels, or too many inquiries on an individual's credit report, for example. Manually analyzing these applications is mundane, error-prone, and time-consuming (and time is money!). Luckily, this task can be automated with the power of machine learning and pretty much every commercial bank does so nowadays. In this project, you will build an automatic credit card approval predictor using machine learning techniques, just like the real banks do.

The recommended prerequisites for this project are

1. Supervised Learning with scikit-learn
2. Data Manipulation with pandas

Download The dataset used in this project is the Credit Card dataset from the UCI Machine Learning Repository.

Project Tasks :

1. Credit card applications
2. Inspecting the applications
3. Handling the missing values
4. Preprocessing the data
5. Splitting the dataset into train and test sets
6. Fitting a logistic regression model to the train set
7. Making predictions and evaluating performance
8. Grid searching and making the model perform better
9. Finding the best performing model

Project Submission Date : 24/05/2020 Sunday

Submission Documents :

1. Complete Code files with Data set.
2. Project research report approx (150 words).
3. Input / Output Screenshot images of running Project, (merge more than one images into pdf).

Thanks & Best of Luck

Technocolabs Indore