Credit Card Approval Prediction

Machine Learning

DSCI-6003

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Motivation

- Machine learning methods can be used to create models obtained by training them on a known dataset to predict new information.
- With the advancement of technology, leveraging the advantages of the machine's high precision, speed and accuracy can help save a lot of time, effort and money.
- This project is one of the main aspects of life. It is important to know if your credit card gets approved or not well before in time to plan life and other situations. A machine can predict the approval if well trained. In this project several methods, models, and parameters are tested to get highest prediction accuracy.

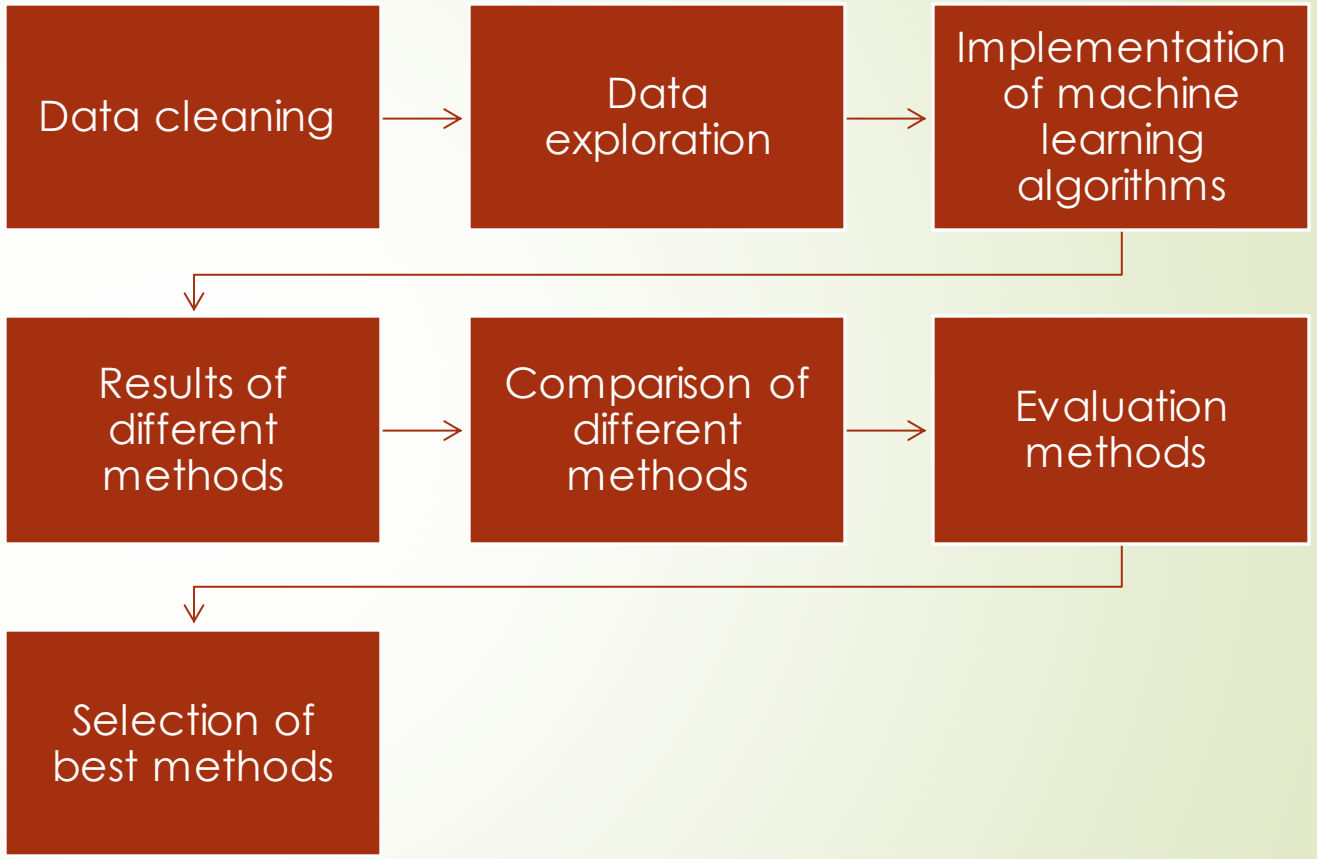
Data Set

https://www.kaggle.com/rikdifos/credit-card-approval-prediction?select=application_record.csv

The shape of the data is approximately 4 lakhs rows and 18 columns

The application_record.csv has 51.8 MB of data	**The credit_record.csv has 14.6 MB od data**

Deliverables
Jupyter ***notebook***
presentation
outlining



Approach

All the below classification algorithms are used the best of these models will be used to predict the credit card approval rate

- Logistic Regression Model.
- Decision tree classification.
- Random forest classification.
- Support vector machine classification.
- XGBoost Classification.
- K Nearest neighbor Classification.

Result

- AT TO DO PROJECT WILL UPDATE AFTER DATA ANAYLSING

Thankyou