BANKING - Mortgage Default Prediction

Use Case

Banks have a lot of customers who apply for mortgages. So it becomes very difficult for banks to manually analyse every case and decide whether to approve it or not and how much profit will the case make. So to make this simpler, machine learning can be used to automate the tasks efficiently and quickly.

Features

A data science platform is required to solve this use case which will allow banks to implement the idea from scratch.

Collect

Collection data from external data sources like mongoDb and data virtualization.

Organize

Creation of business glossary with terms and categories and creation of regulatory rules and policies for compliance with business objectives.

Analyse

Creating a machine learning model to accurately predict whether a customer will default a loan or not. Plus, creating visualizations to analyse the business problem.

Infuse

Deploying the machine learning model into production and using it within an application. Machine Learning Models are a black box and customers need some explainability of the results, hence AI Open Scale is used to solve this challenge.