PREDICTION OF LOAN STATUS

FINAL PROJECT: INTRO TO DATA SCIENCE

TEAM - 7

DATASET DESCRIPTION

This dataset offers a thorough overview of the factors that financial institutions consider when assessing loan applications. It comprises records of 4270 applicants, encompassing details such as employment status, annual income, asset values, loan amount, CIBIL score, and the number of dependents.

SMART QUESTIONS

1. What is the impact of the number of dependents on the likelihood of loan approval?
2. Is there a significant difference in loan approval for different education levels and loan terms?
3. Is there a significant difference in loan approval for different CIBIL scores?
4. What is the likelihood of loan approval for individuals who are self-employed?
5. Is there a notable difference in residential and commercial asset values between approved and denied loan applications?
6. Can the loan amount be predicted based on the values of assets and annual income?
7. Which is the single most influential factor in determining the probability of loan approval?

By analyzing the relationships and patterns within this dataset, we aim to uncover insights into understanding the loan landscape, potentially aiding in the development of more accurate credit risk models and informed lending practices.

DATASET SOURCE

https://www.kaggle.com/datasets/architsharma01/loan-approval-prediction-dataset/data

GITHUB REPOSITORY

https://github.com/Richik-main/Team_7.git