Introduction to Data Science

Design Project



Mortgage Data Analysis: Prediction Segmentation, and Trends

Submitted by:

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## Dataset Description

1. **Description of the Attributes**

## Data Wrangling, Preprocessing, and Transformation

* + **Data Cleaning**

## Data Transformation and Data Type Conversions

## Encoding Categorical Data

## EDA and Data Visualizations

* + **Understanding Dataset**
  + **Data Insights**

## Correlation and Relevant Variables

* + **Univariate Analysis**
    1. **Statistics**
    2. **Graphs**
  + **Bivariate Analysis**
  + **Model Deployment**
  + **Error Reduction**
  + **Visualizations**

1. **Future Scope**
   * **Web Application**
   * **Open Source and Publicly Available**
2. **Conclusion References**