PROJECT NAME:

Cluster Analysis of 2017 Nevada State Home Loans

PROJECT TEAM MEMBERS:

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DATASET

HDMA Nevada State Home Loans, 2017

DATA DESCRIPTION

This data set contains variables regarding demographic information, area specific data, loan status, property type, loan type of mortgagor in the state of Nevada.

The variable regarding mortgage action taken by the agency and other less relevant variables will be removed when performing our analysis.

GOAL AND OBJECTIVES

- Perform clustering based on the relevant mortgagor information
- Comparison of different methods
  - K Means
  - K Medoid
  - Hierarchical
  - Density-Based Clustering
- Extract key variables differentiating the clusters
- Compare the clusters with actual action taken by the agency