SMU Fintech Bootcamp

Project #1

June 17, 2020

Team Members:

* Marcus Kim
* John Millar
* Joe Swiderski
* Julas Hollie

Proposal statement for Project 1:

Our project will focus on analyzing the appraisal value trends of residential properties in Dallas County. In addition, we will consider the influence of other factors such as location, size and the economy have on the appraisal value versus the true fair market value.

Analysis and questions to be addressed

1. Stratify data by property type, city, property features, school district
2. Compare correlation between appraisal data and mortgage interest rates
3. Compare correlation between GDP, S&P 500 (economic health) and home prices
4. Comparison of market data versus proposed appraisal values

Data sets to be used:

1. Dallas County appraisal data
2. US economic data
3. FFIC mortgage rates data
4. Yahoo Finance API