*Abnormal Distribution*

Project One Proposal

## *Proposal Status*

*Draft needing approval (minor edits from approved version, edits in italics)*

## Project Title

*Which Oklahoma Locations Offer the Best Residential Real Estate Returns on Investment?*

## *Team Name*

*Abnormal Distribution*

## Team Members

Scott Arterbury

Randy Esser

Ramkumar Jothis

Geoff Wilson

## Project Description/outline

This project intends to answer critical investment questions regarding Oklahoma residential real estate. We will attempt to discover which locations offer the best return on investment (ROI) from both rental and sale perspectives.

## Research questions to answer

Which zip code gives the best sale ROI? (581 in OK)

Impact of interest range changes on home sales

Which zip is best to own rental properties in (best ROI)?

## Datasets to be used – NASDAQ API

Zillow real estate data

FRED interest rates

## Rough breakdown of tasks

*Pull data via file and API – team*

*Clean data – team*

Analyze data *– team*

EDA *– Randy*

Statistical analyses *– TBD*

Answer questions *– TBD*

Write findings *– TBD*

Build documentation & publish to git hub

Write readme *– Geoff*

Visualizations – TBD

Write findings & implications summary *– TBD*

Build preso *– Randy*

Present findings *– Team*