



Colorado Housing Market Trends

**Claire Cleveland, Dennis Phan, Patrick Hanafin,
Joel Stucki, Evan Kihn**

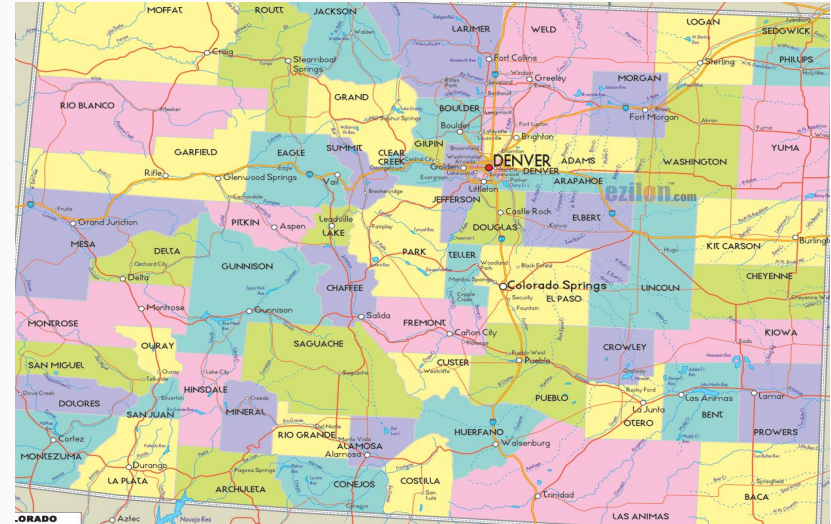
Selected Topic

Part 1:

- Housing affordability in the State of Colorado and the potential of average income earners becoming unable to become homeowners within the state broken down by county

Part 2:

- Using additional data to find, compare, and predict activity between housing affordability and parameters other than average income
 - GDP increases/decreases, educational levels, population, etc.



Question/Source of Data

- Who is being priced out of the housing market in Colorado?
 - Bigger question is why, and how ?!
 - Can we find relationships in economic and social data at the county level to explain changes in the housing market?
- Kaggle - State of Colorado Housing Data
 - Broken down by:
 - Month by month housing prices
 - Per county (1996-2016)
- The State of Colorado - Household Income Data
 - Broken down by:
 - Year by year median household income
 - Per county

Description of Analysis

1. Develop a question to form our topic
 - a. Who is getting price out of the housing market in Colorado?
 - b. Breakdown of household income (median) and housing prices
 - c. Dates range that includes statistics from 1997-2016
2. Choose a dataset(s)
 - a. Determine relevant data to our question: includes housing data (zillow) and household income (labor and employment data; State of Colorado)
3. Clean the data
 - a. Housing
 - i. Averaging monthly housing prices to get a single number yearly average for each county in Colorado
 - ii.

Data Exploration

NOTES

