

# Capstone Presentation

Ben Tankus

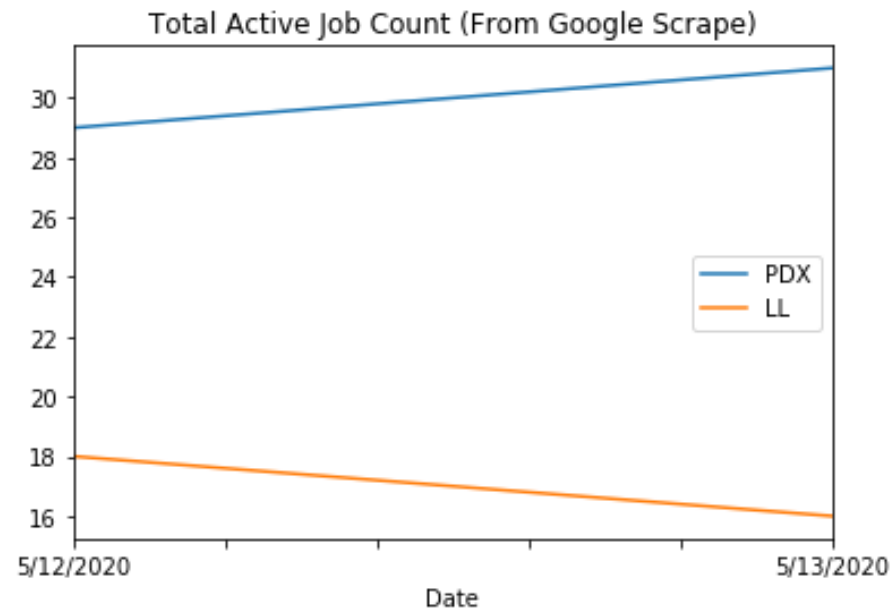
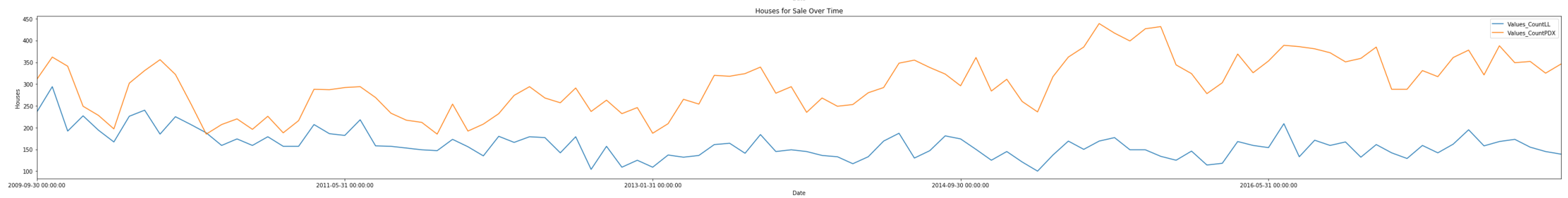
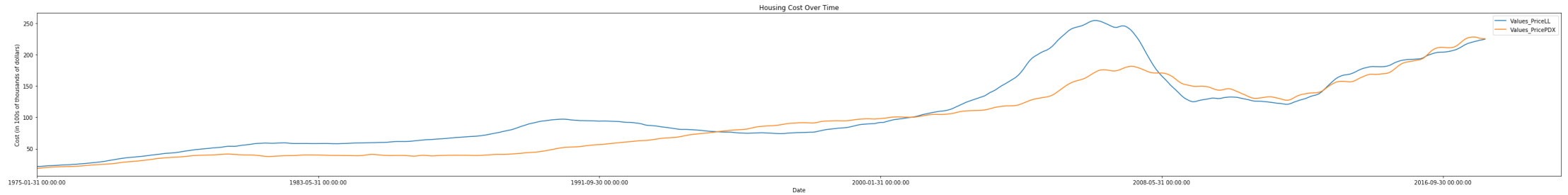
# Overview

- I am comparing two cities, Portland, Oregon where I currently live, and Loma Linda California where I may be moving soon.
- I really like Portland and want to make sure I will have job and housing opportunities where I move.
- I will be using web scraping and other data analytics tools to do this.

# Methodology

1. Pull the data for portland and loma linda
2. Organize these data in a dataframe and clean accordingly
3. Plot the historical housing data using trendlines
4. Discuss job data. While not historical, snapshots over time will create historical data

# Data



# Discussion

## Housing:

- The prices track fairly close between Loma Linda and Portland. As Loma Linda is a smaller city it is likely more sensitive to large economic impacts, as seen by the recession. Once housing data is published for the Coronavirus epidemic I would expect to see Loma Linda housing prices fall, and houses available climb, both more substantially than Portland.

## Jobs:

- These data are very limited, so no substantial conclusions can be gained from them. Empirically, it looks as though Portland has about 2x as many Data Analyst jobs as Loma Linda, which is less than I expected, as the population is close to 8x the size. Maybe Loma Linda has a better job market? This will likely need to be further analyzed in the future.

# Conclusion

While moving to a new town will always be risky, this analysis makes me a bit more relaxed. The housing value seems similar to Portland, and while there are less jobs, they do seem to be available. I think I'll go and see if my predictions are accurate!