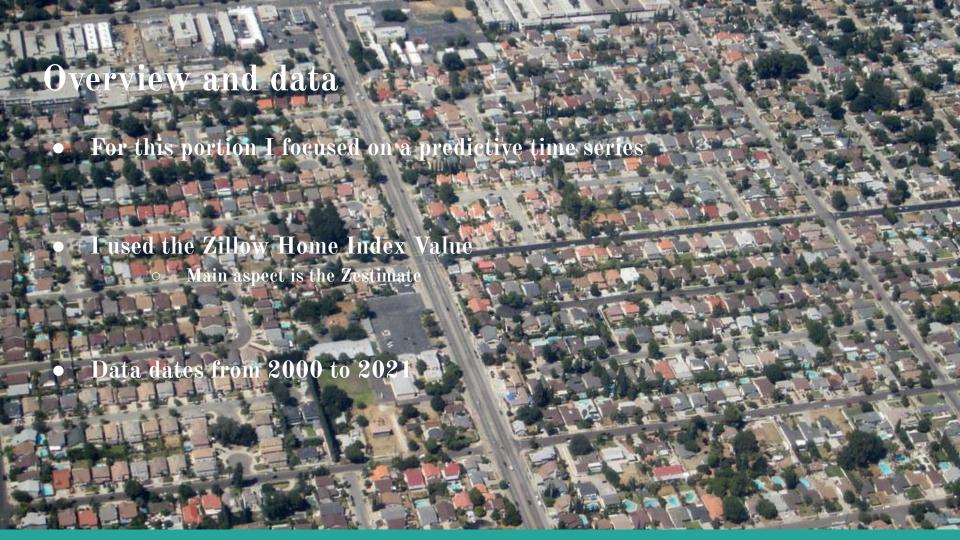




• Create Interactive map

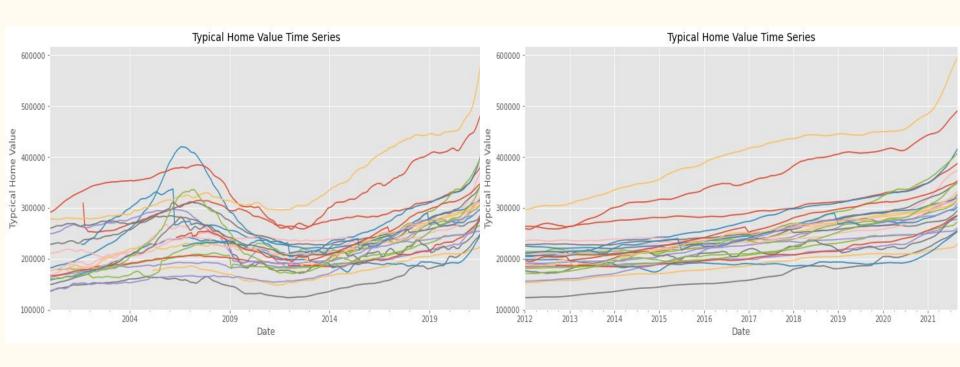
• Use zillows data to predict

 Use city data and census data to add information



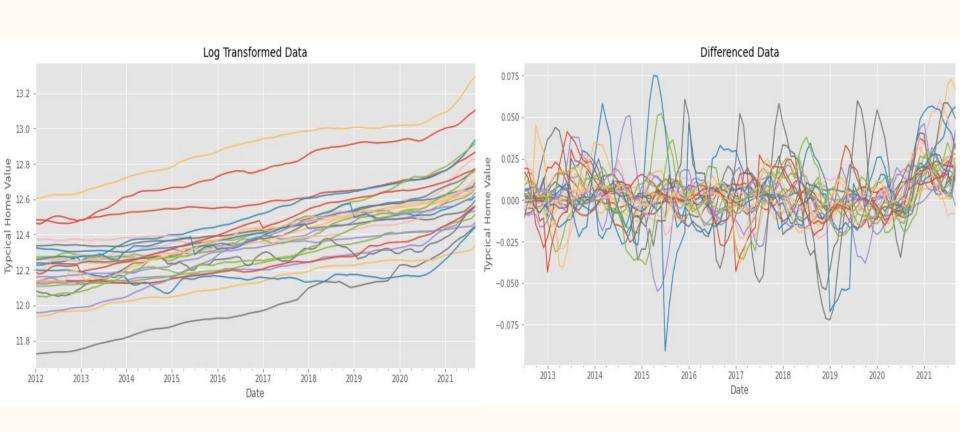
#### Methods

- Took data away prior to the US housing bubble
- Filtered down to 27 counties for sake of time



# Methods •

- Logged the data
- Subtracted the rolling mean and differenced the data

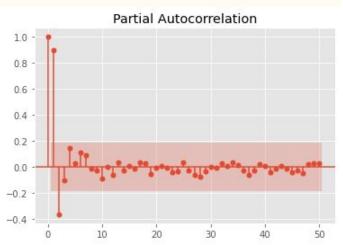


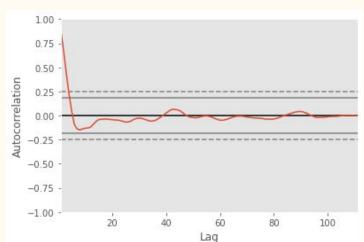
### Methods

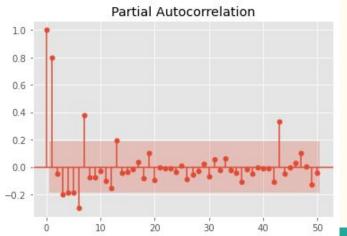
• Autocorrelation looks great

• Most partial autocorrelations look great

• Some models didn't perform as well

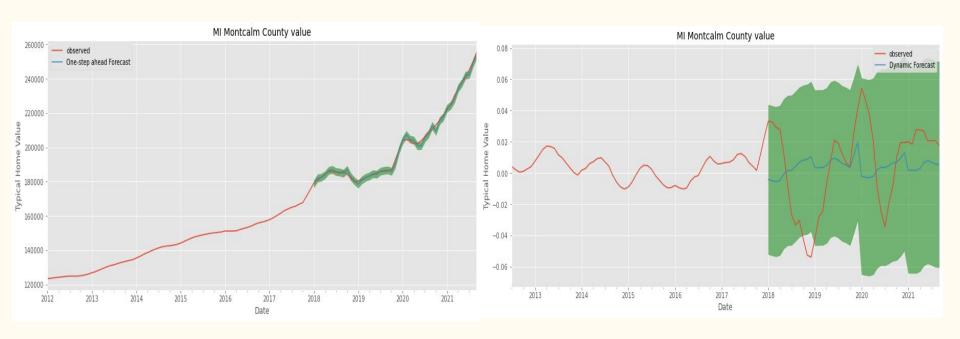






## Validating Methods

- Used original data and processed
- Different scales



#### Results

- Forecasted into the next four years
- Use these for goals

