

Time Series Analysis

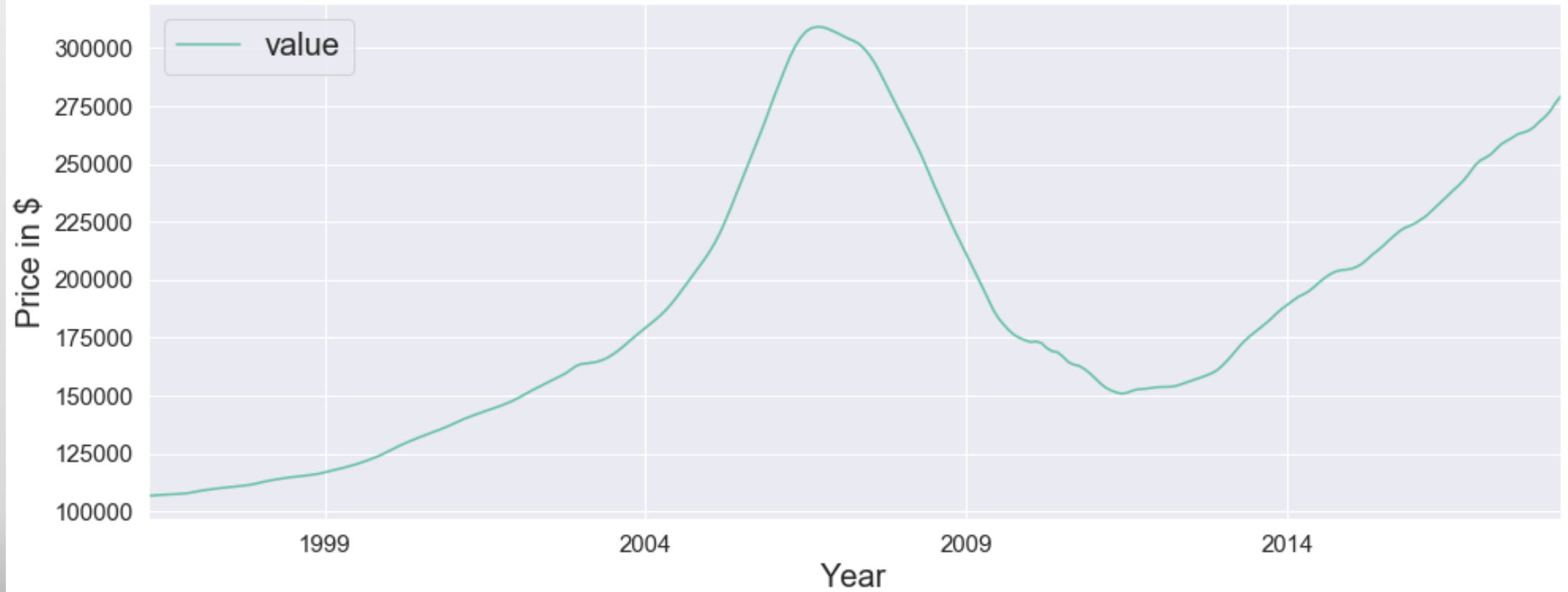
Flatiron School Data Science Module 4 Project

Diego Vallejos

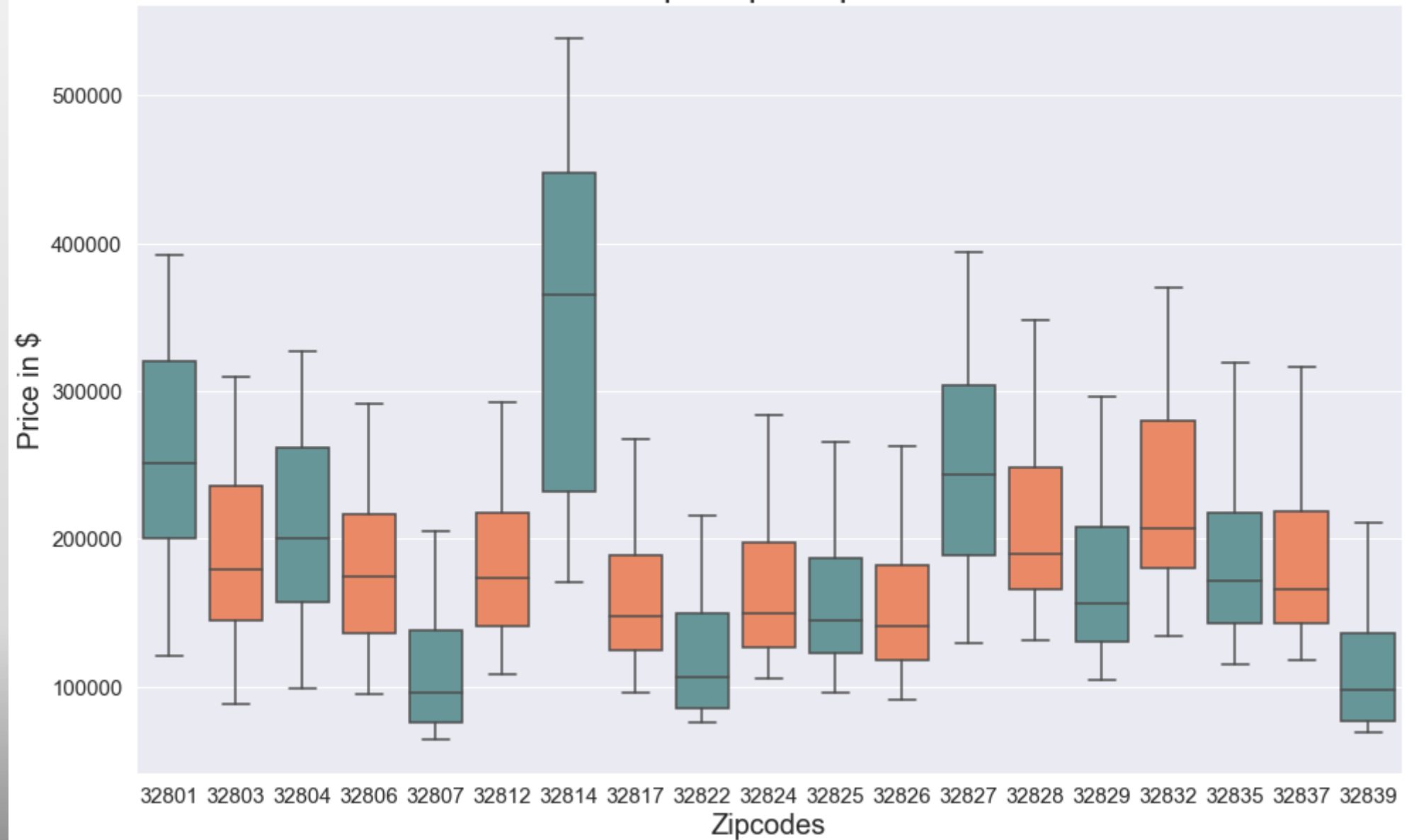
What are
the top 5
best
zipcodes to
invest in
Orlando, FL?



Mean Value from 1996 to 2018 in Orlando



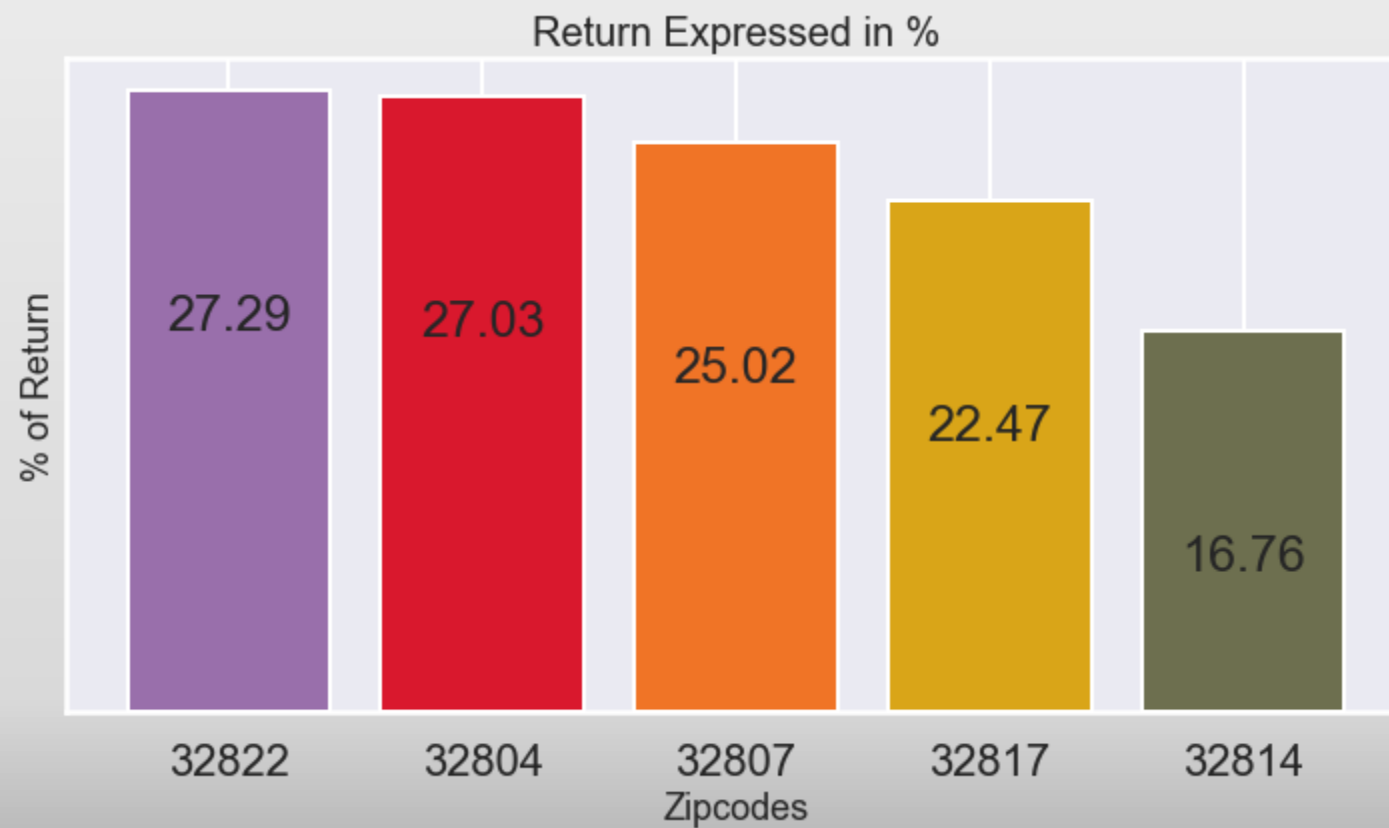
Boxplots per Zipcode



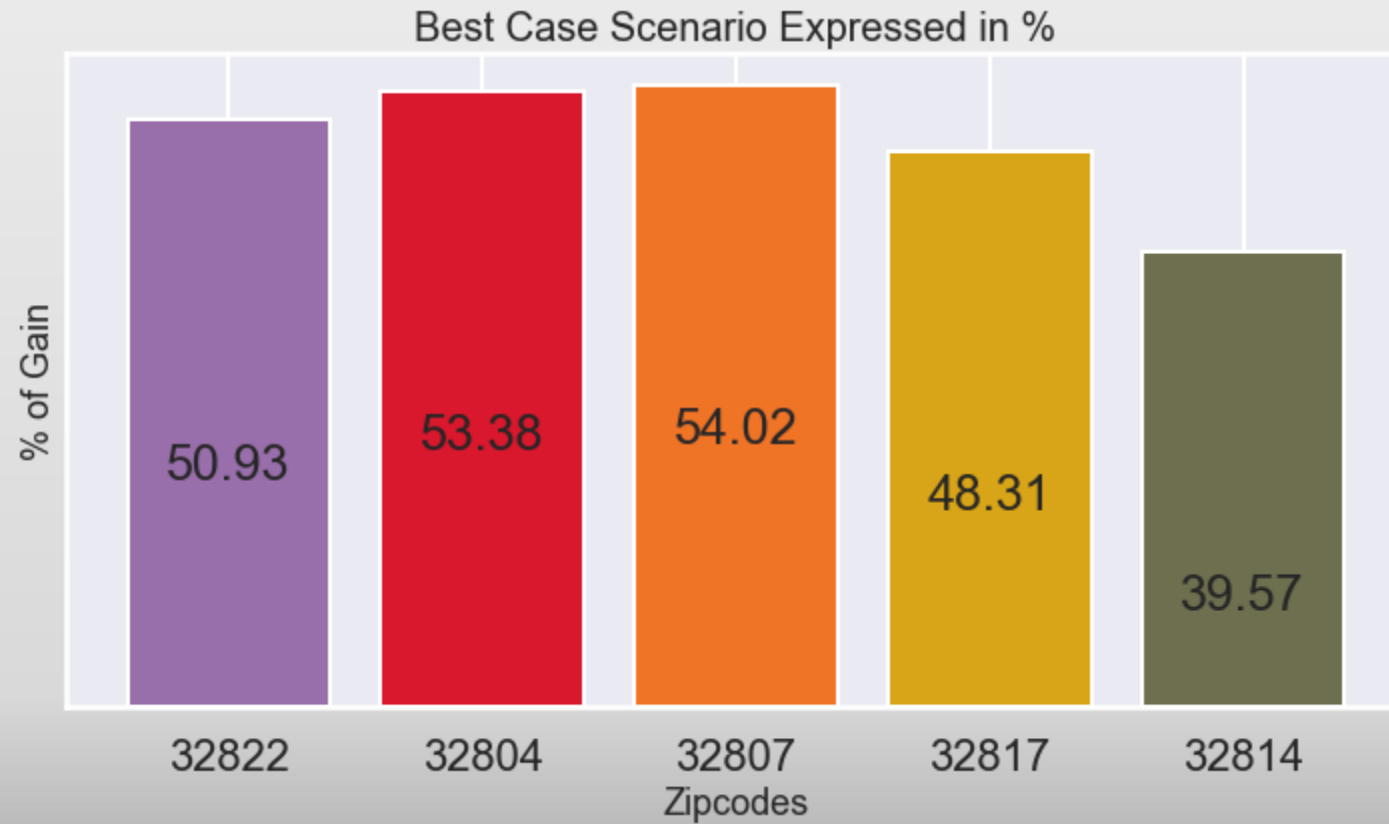
We decided to evaluate the 10 zipcodes with a highest ROI (Return on Investment).



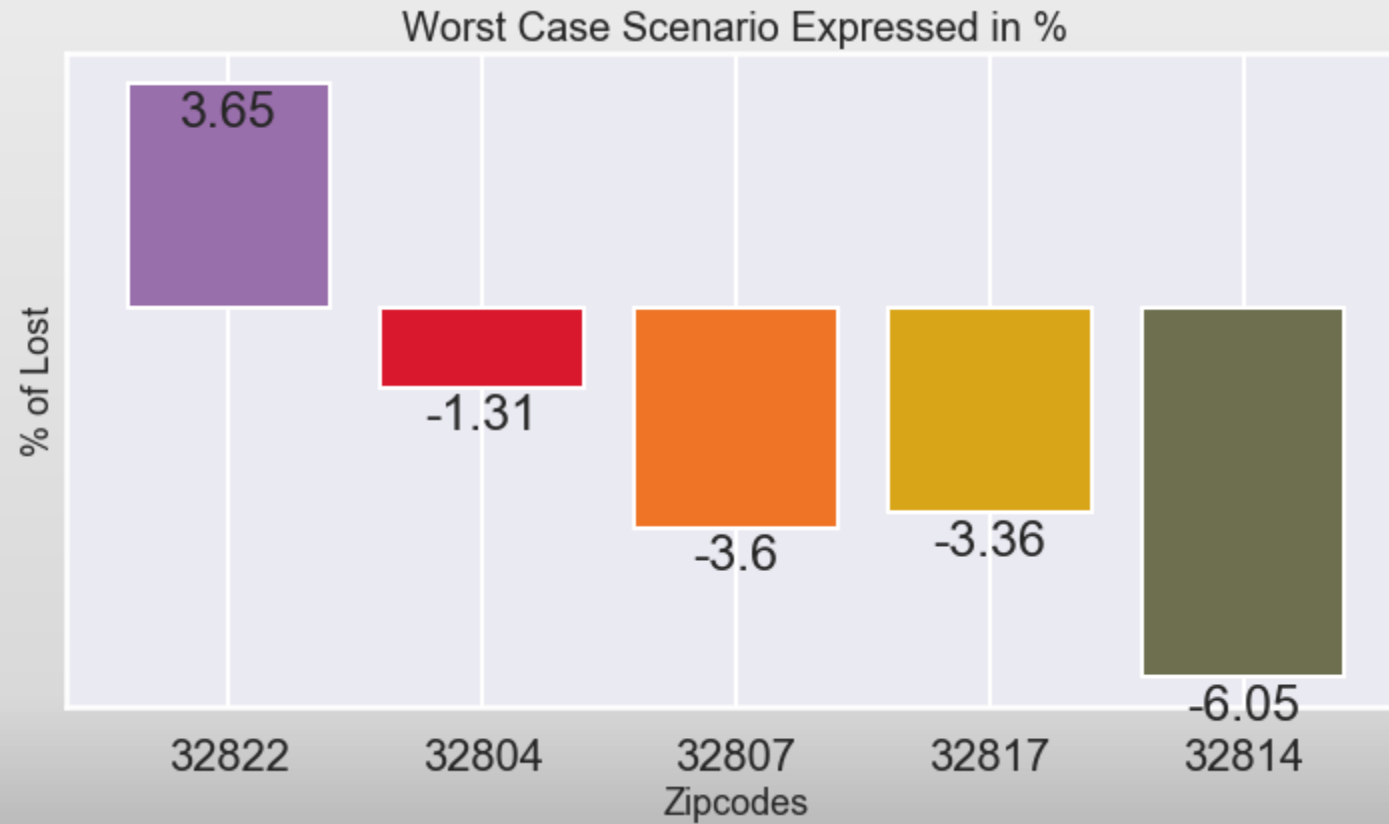
Results



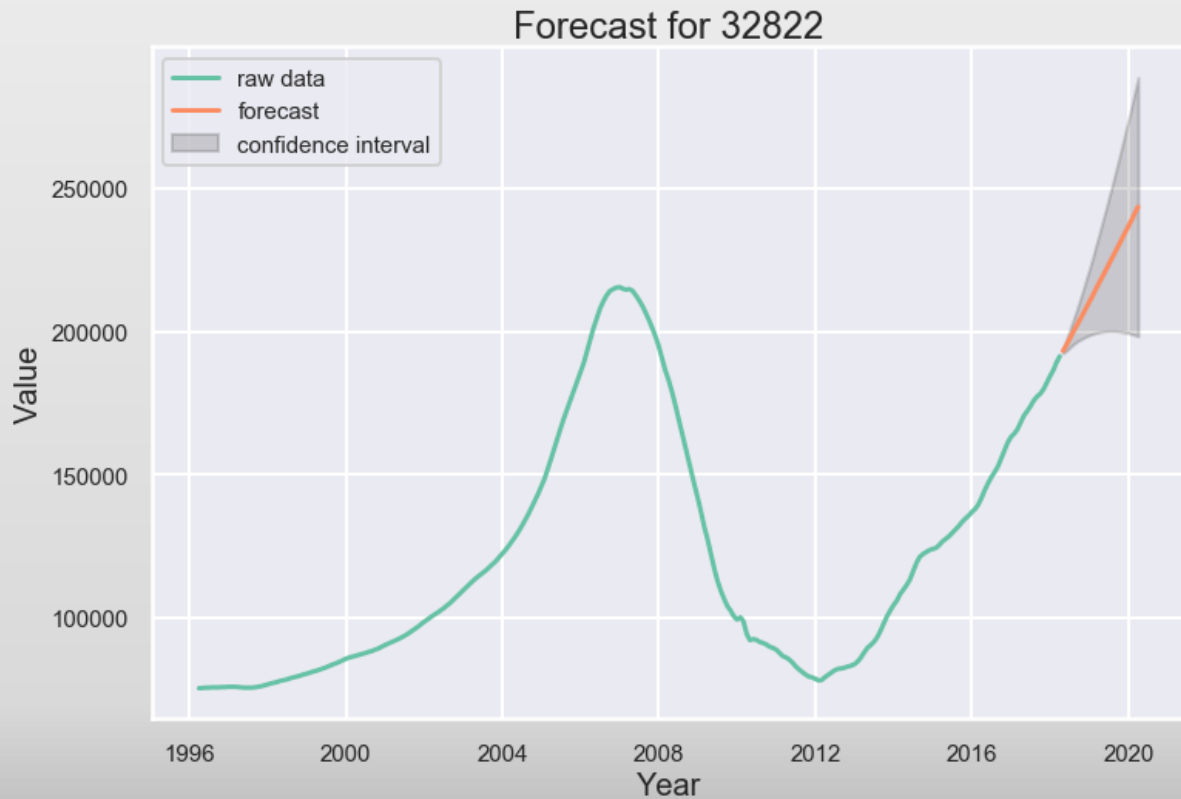
Results



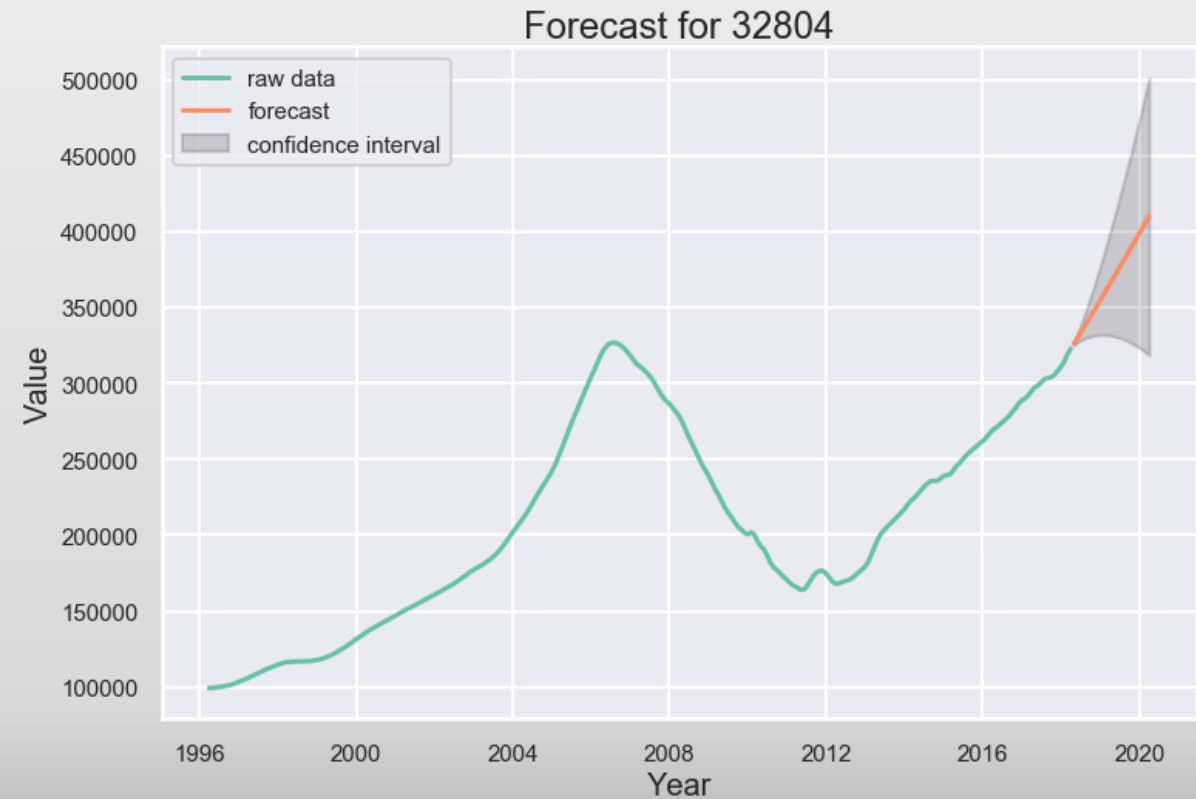
Results



2 years forecast

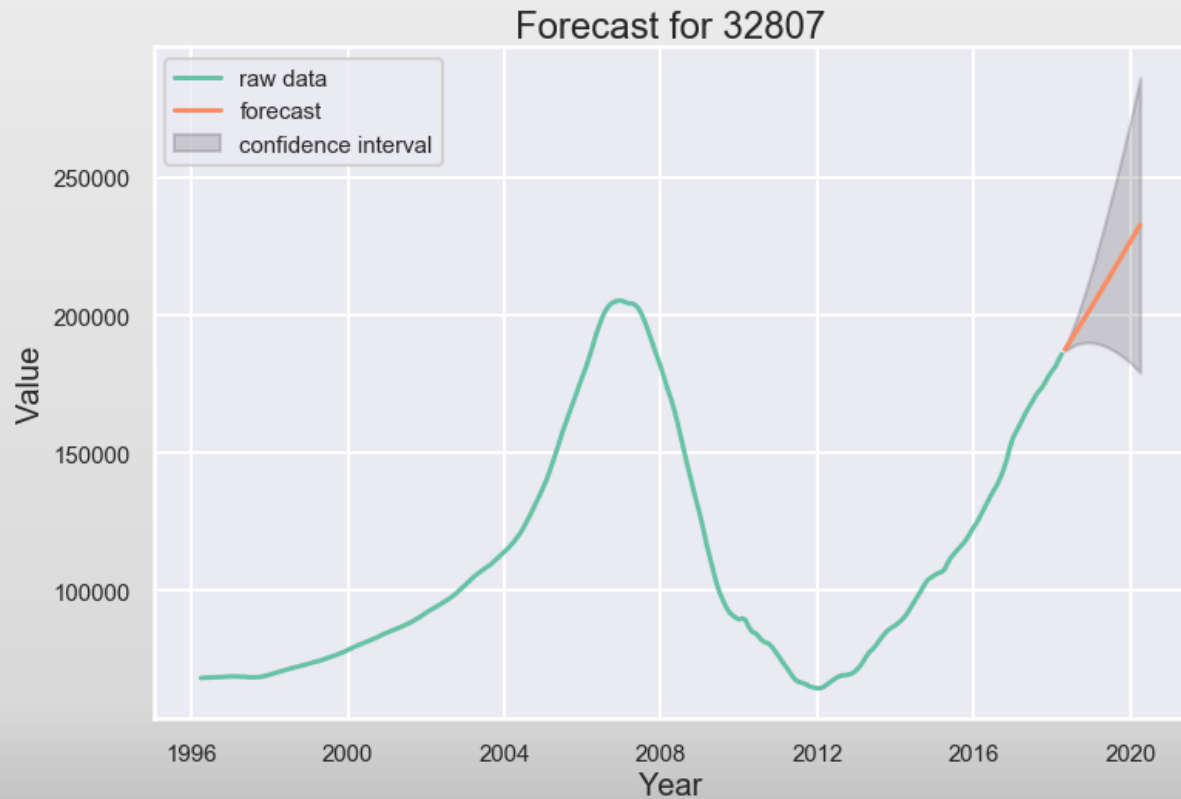


Population 53,029
Housing Units 24,862
Occupied Housing Units 21,111
Median Household Income \$32,903

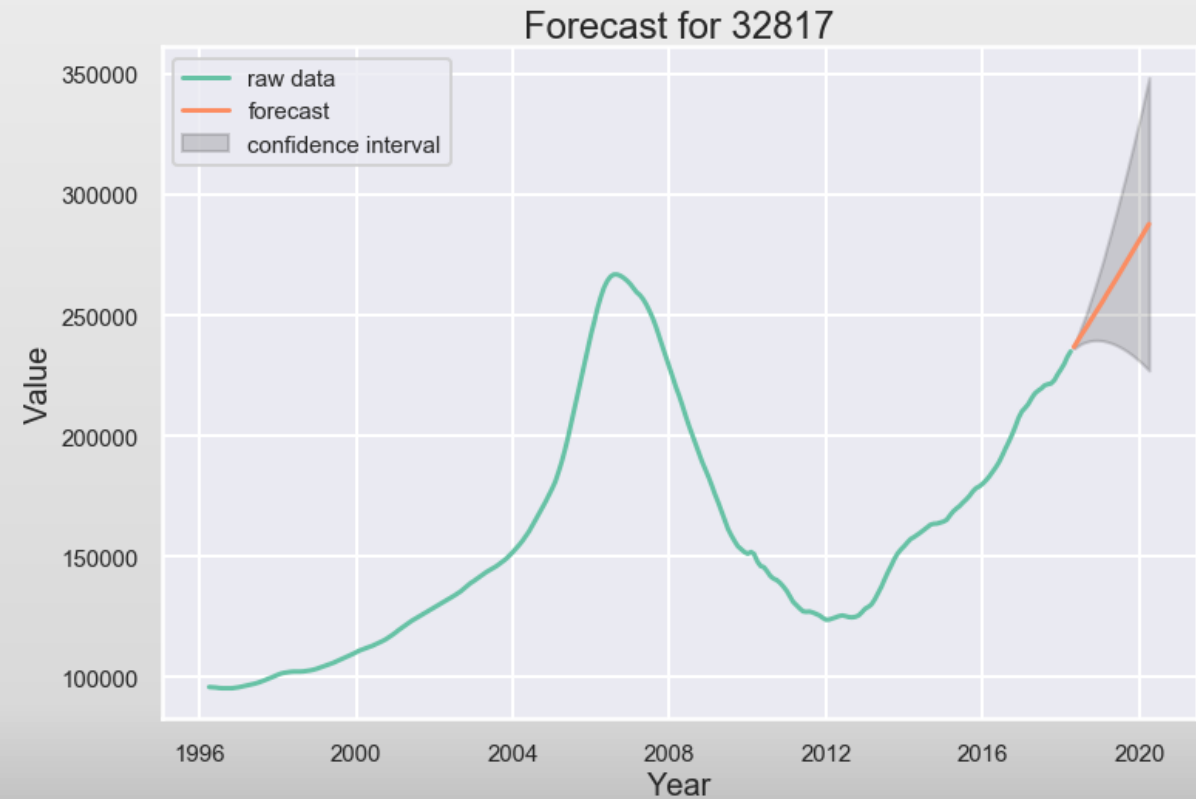


Population 17,312
Housing Units 9,145
Occupied Housing Units 8,152
Median Household Income \$58,548

2 years forecast

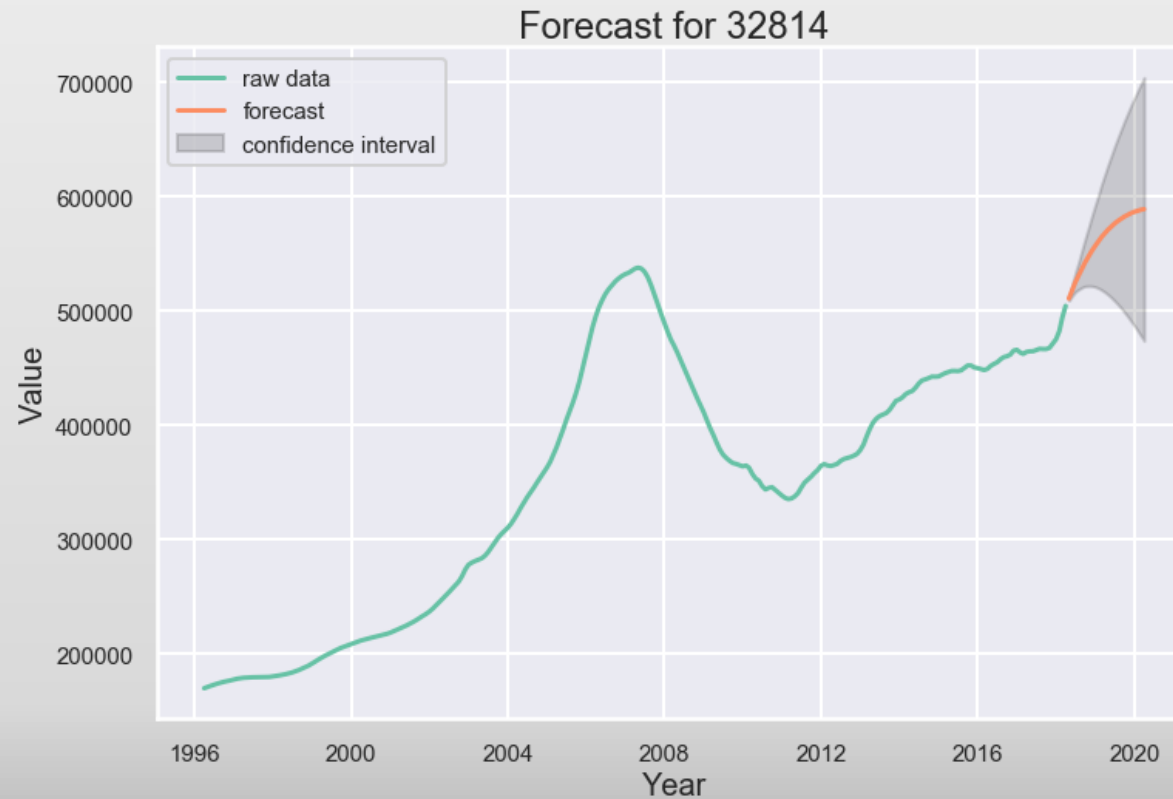


Population 31,465
Housing Units 13,151
Occupied Housing Units 11,764
Median Household Income \$35,980



Population 35,105
Housing Units 13,404
Occupied Housing Units 12,377
Median Household Income \$44,823

2 years forecast



Population 6,151

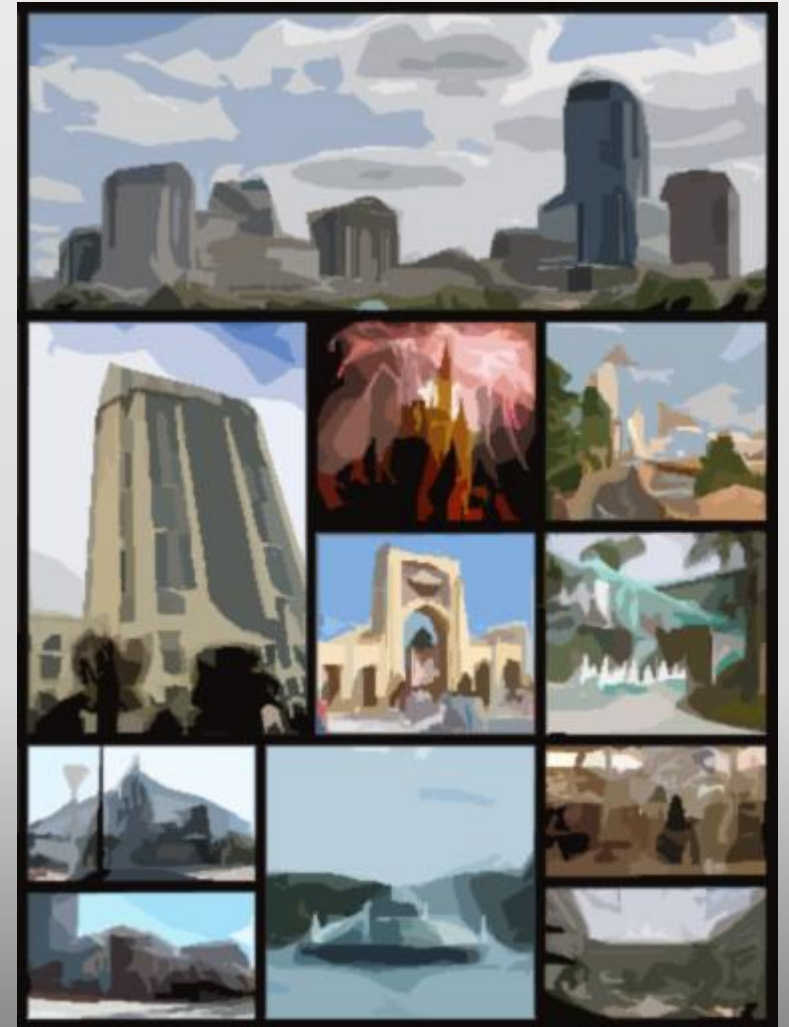
Housing Units 3,090

Occupied Housing Units 2,707

Median Household Income \$96,766

Recommendations

- 32822 is our best option
- We can offer different financing plans adjusted to their economy.
- We should buy and remodel in 32814.



Future work

- Create models for different zipcodes even if they are not in the ROI top 10.
- Future risk using updated data with the pandemic factors.



THANKS

