

# Time Series Analysis

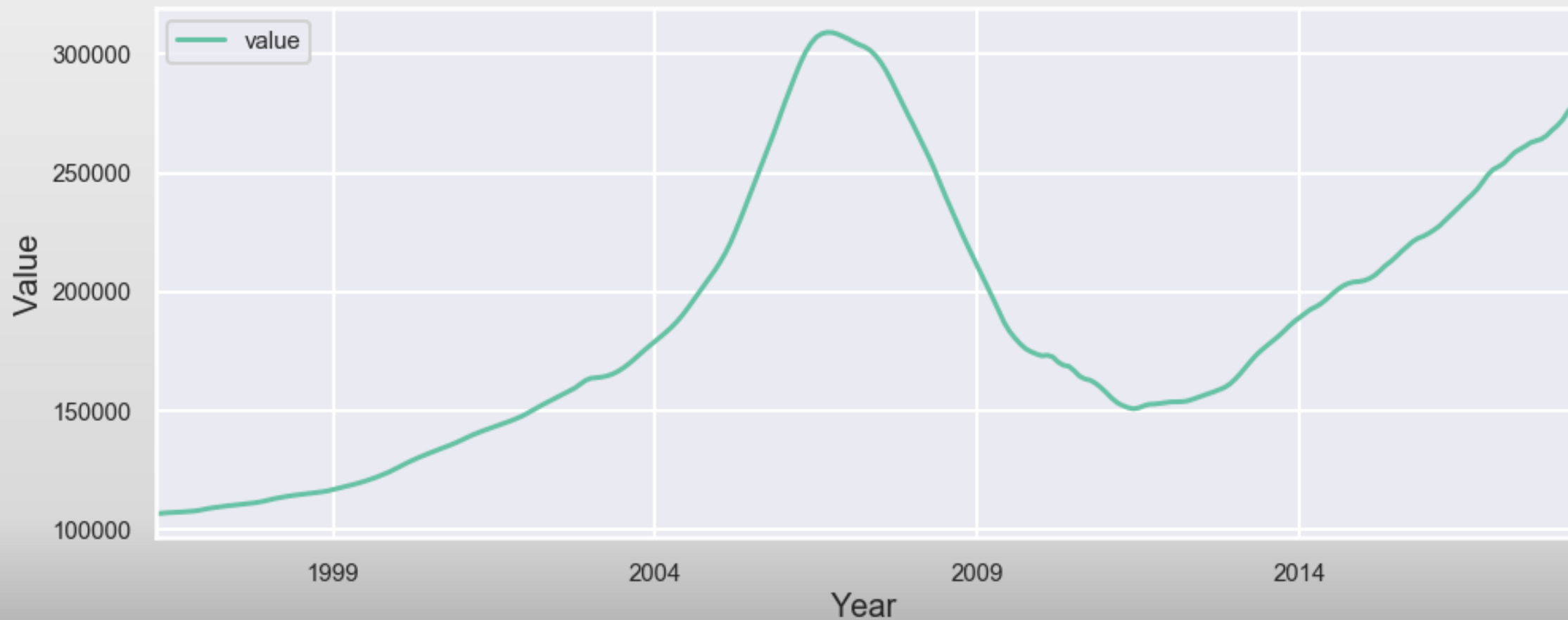
Flatiron School Data Science Module 4 Project

**Diego Vallejos**

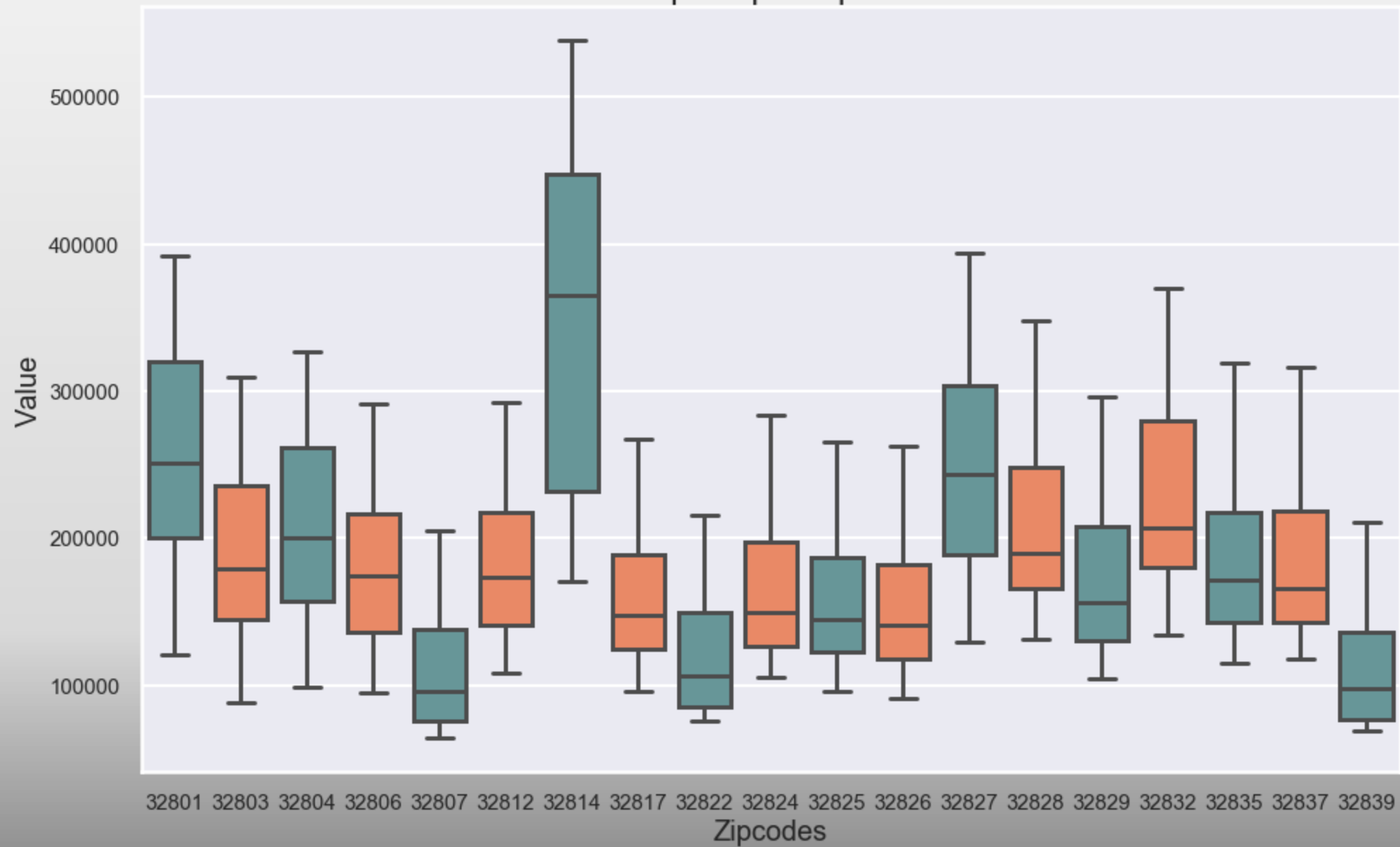
What are  
the top 5  
best  
zipcodes to  
invest in  
Orlando, FL?



Mean Value from 1996 to 2018



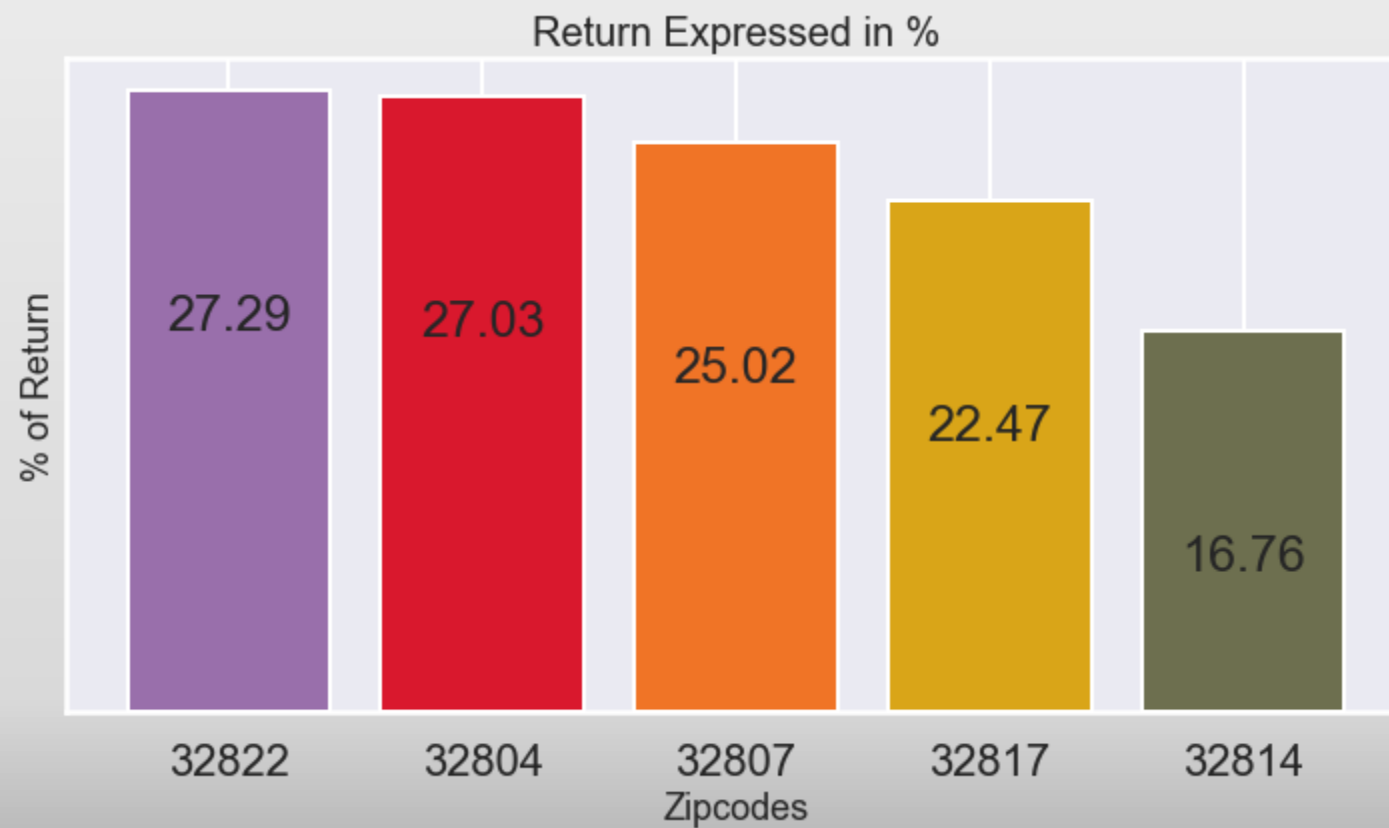
Boxplots per Zipcode



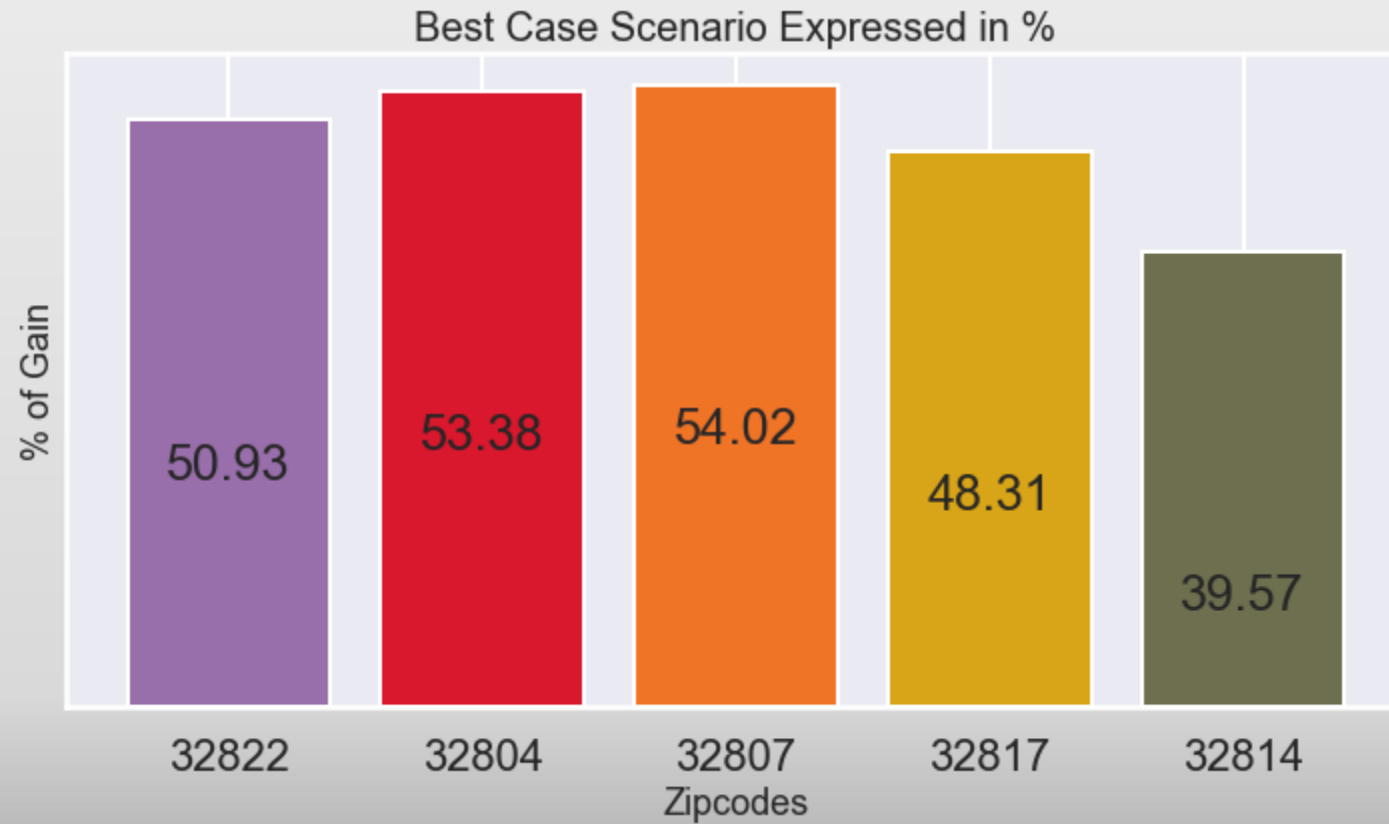
We decided to evaluate the 10 zipcodes with a highest ROI (Return on Investment).



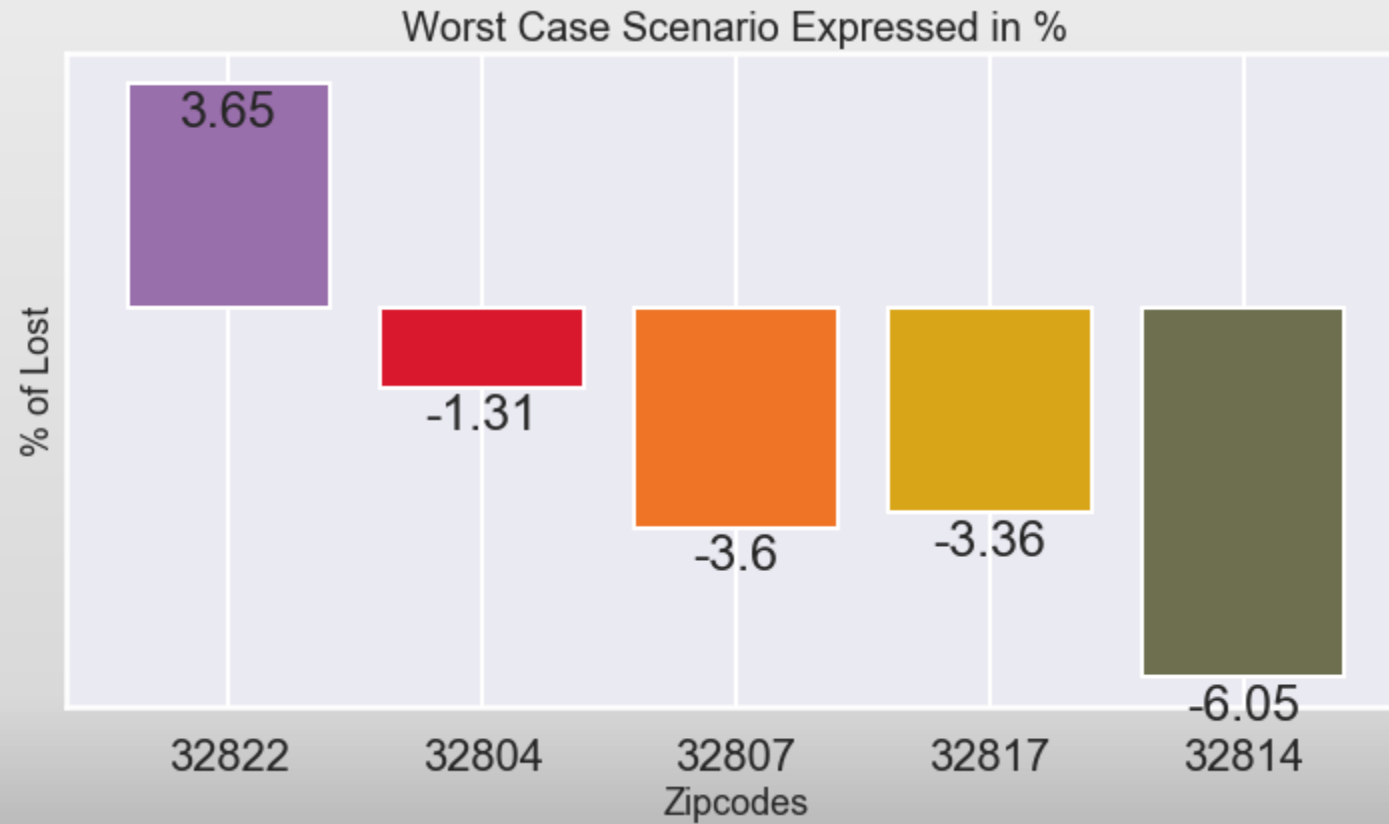
# Results



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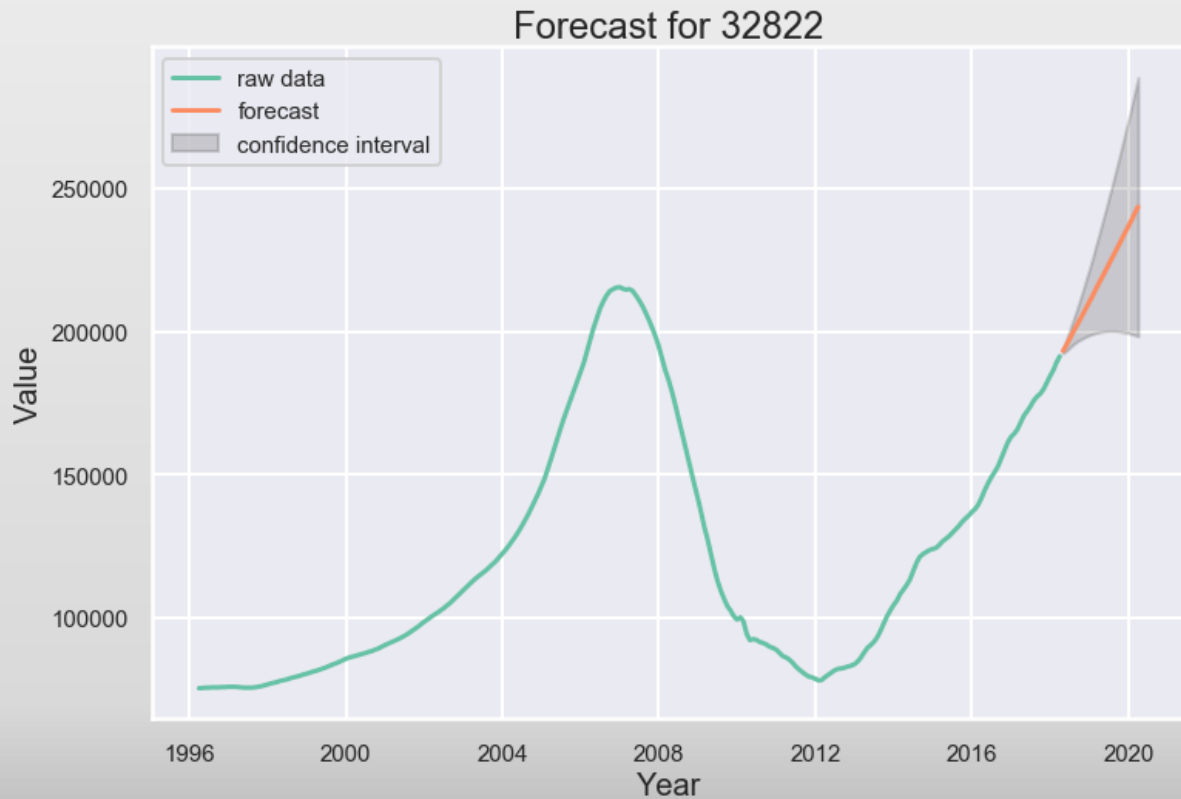


# Results

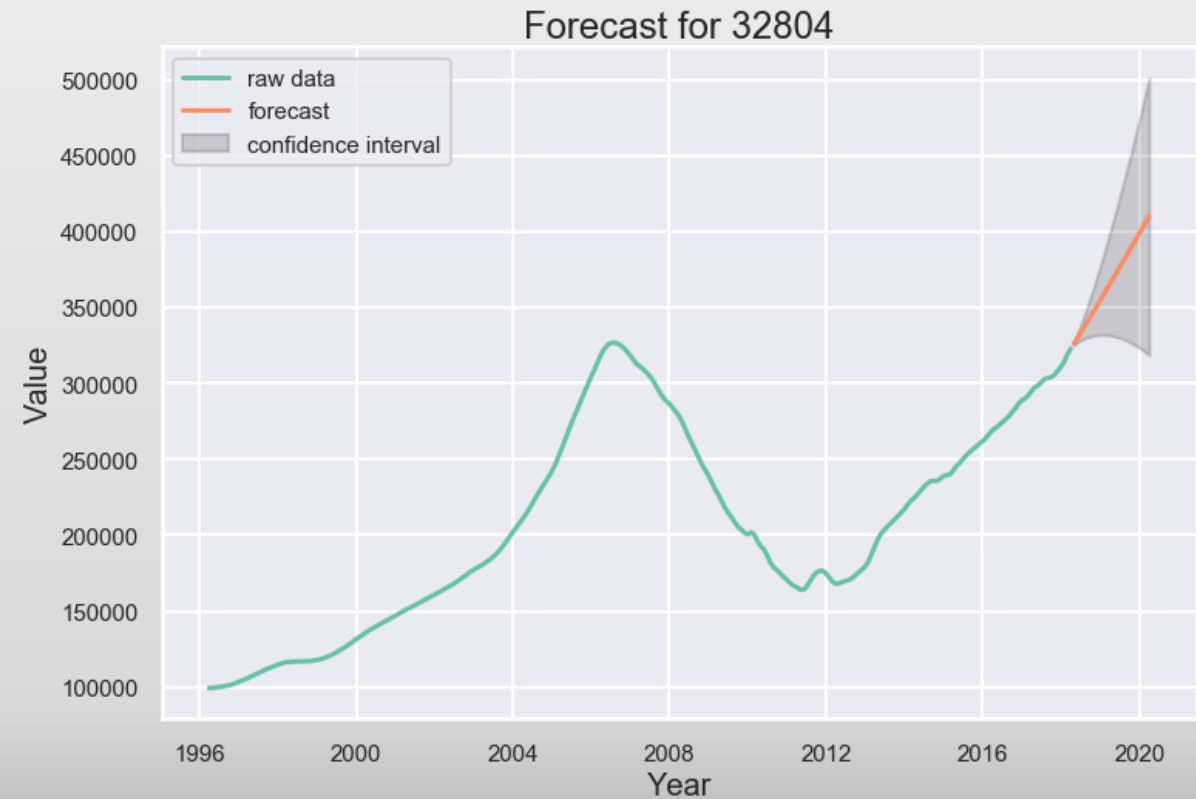




# 2 years forecast

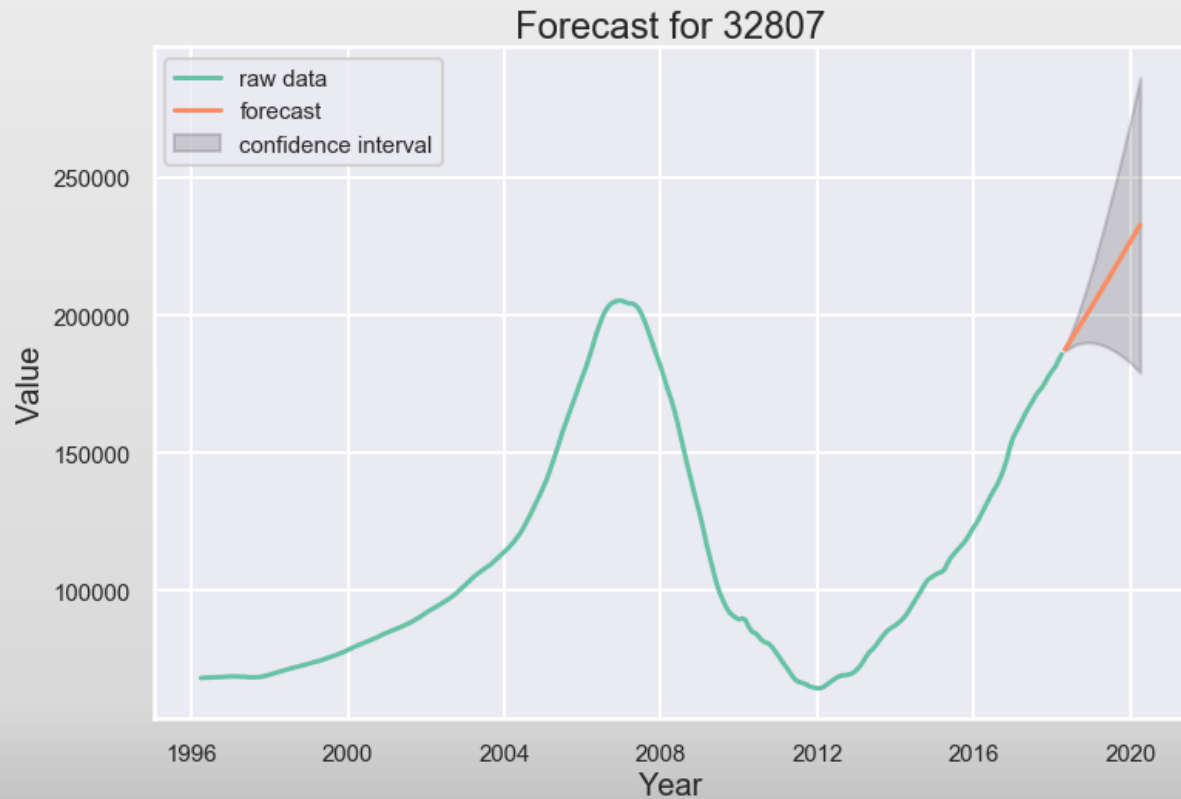


Population 53,029  
Housing Units 24,862  
Occupied Housing Units 21,111  
Median Household Income \$32,903

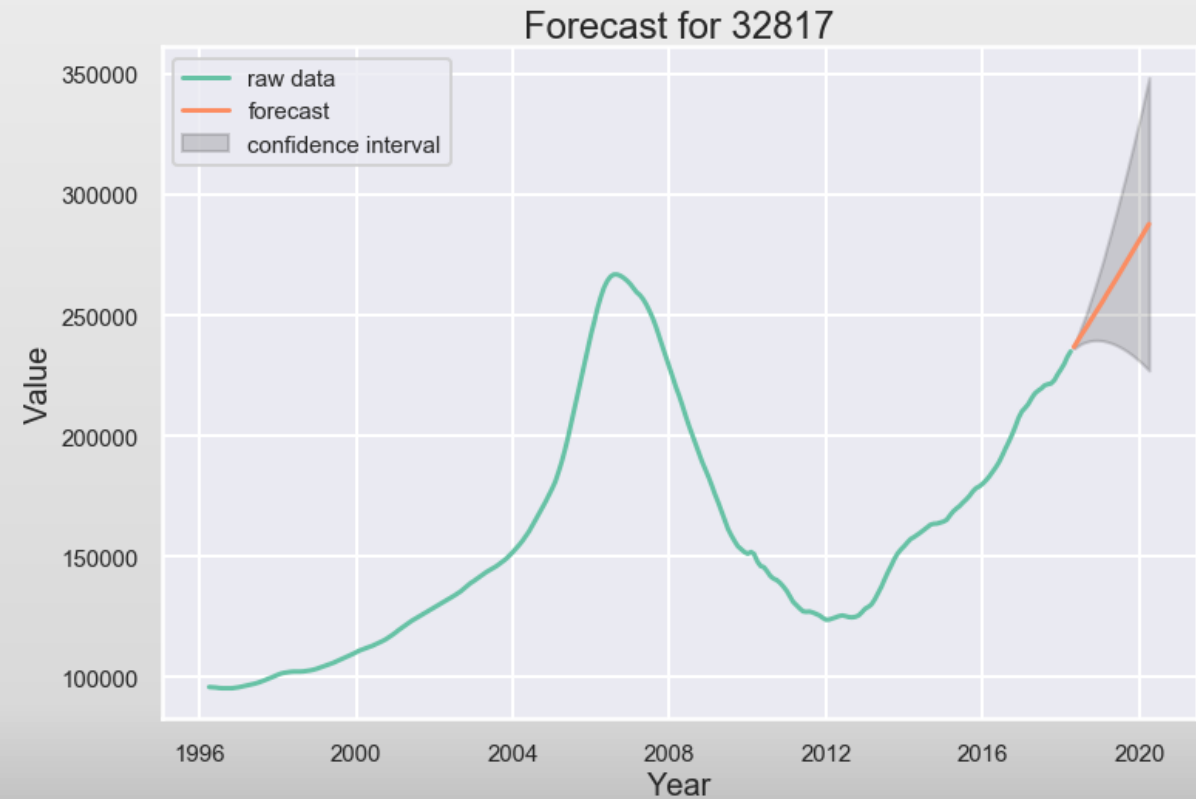


Population 17,312  
Housing Units 9,145  
Occupied Housing Units 8,152  
Median Household Income \$58,548

# 2 years forecast

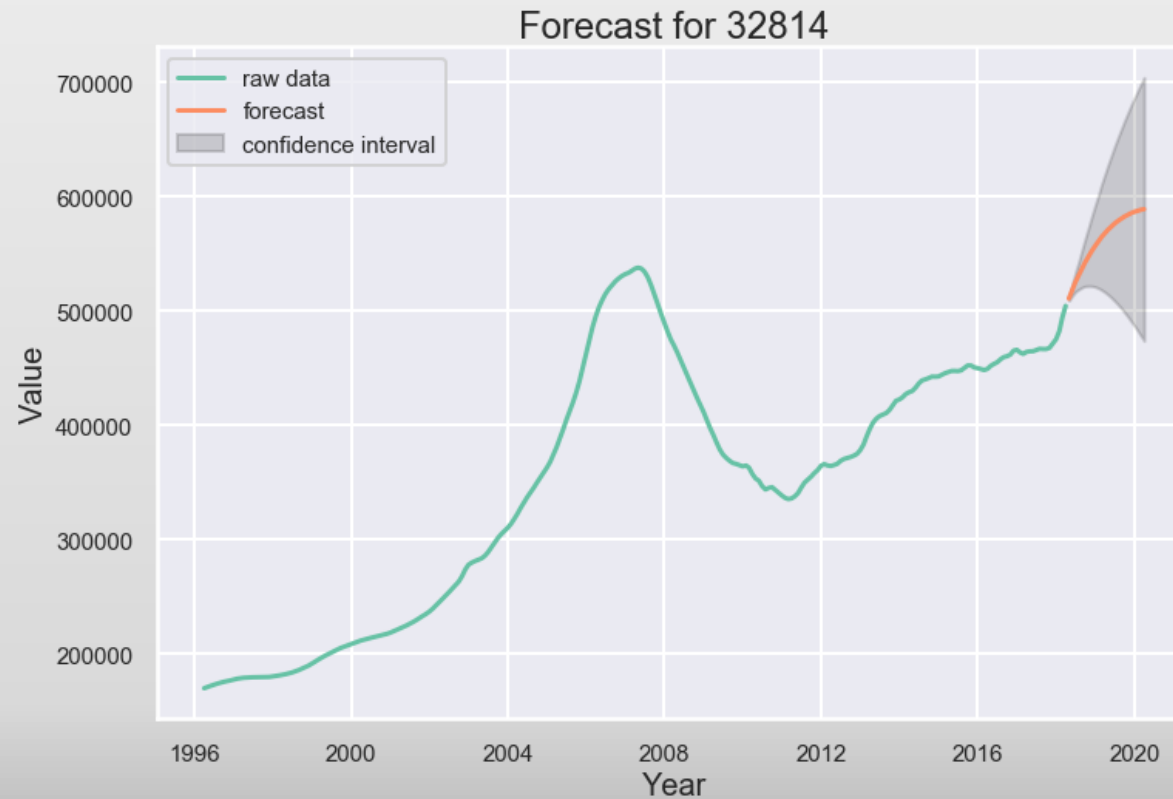


Population 31,465  
Housing Units 13,151  
Occupied Housing Units 11,764  
Median Household Income \$35,980



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

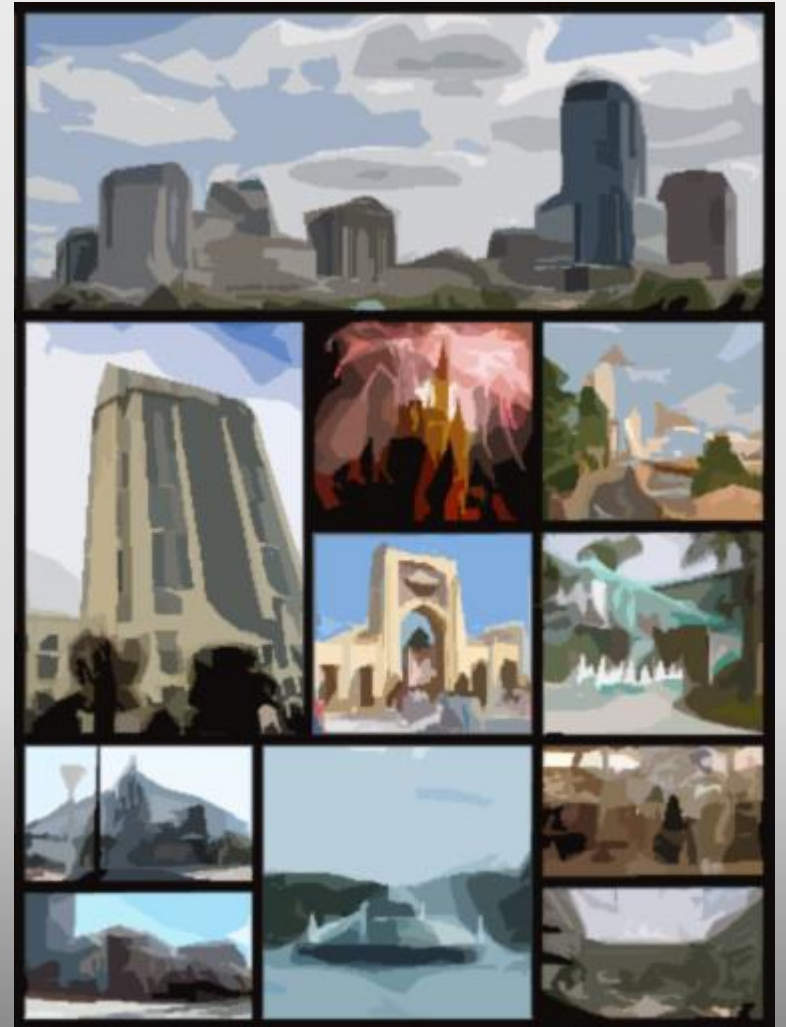
Median Household Income \$96,766

# Recommendations

32822 is our best option because even in the worst case scenario we are going to still win.

The median household income is low, we can offer different financing plans adjusted to their economy.

We should buy and remodel houses to increase the profit if we are buying 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

