Real Estate Forecasting

WHAT NEW INVESTORS NEED TO KNOW

Cooper McCombs

Business Problem

Give an accurate estimation of the real estate market and where it's going

Goals

Develop a forecasting model that will predict future median prices of homes for each zip code

Data Understanding

- From Zillow
- My data covers from the year 2000 to 2022
- It consists of over 27000 rows of data points
- Takes the median price from the first of each month

Stakeholders

Who would use this?

- Investors who want to get into real estate
- Upcoming Homeowners

Methods

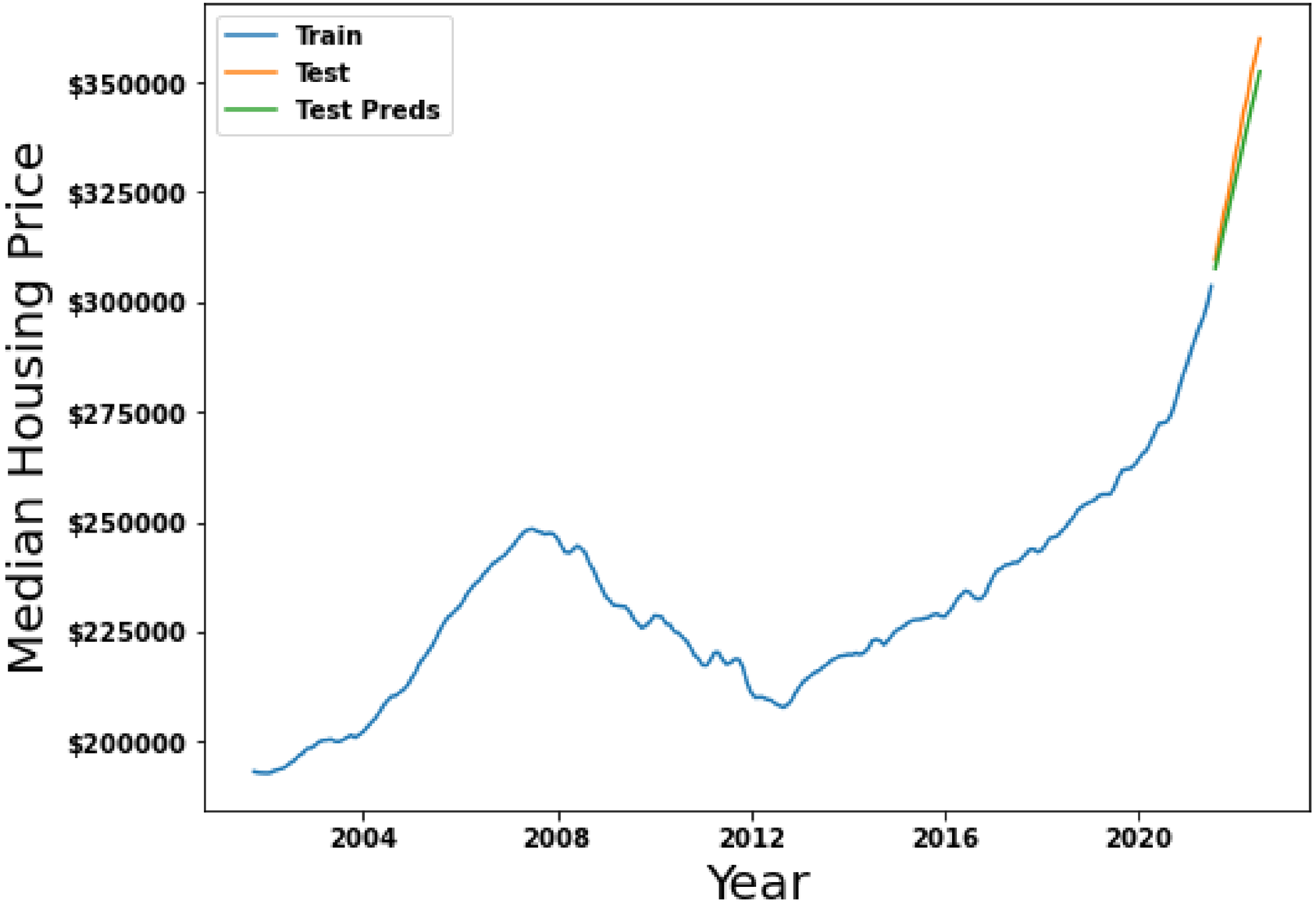
Seasonal Autoregressive Integrated Moving Average AKA SARIMA

Model

Trussville

What does this tell us?

- Positive trend
- Forecasts one year in advance
- Expected Return of Investment of $48800.43
- Accounts for 87% variance



Conclusion

Prices are on the rise

Now is the Time

Future Steps

Always think long-term.

01

Accommodate for the economy and housing market

02

Forecast further in the future

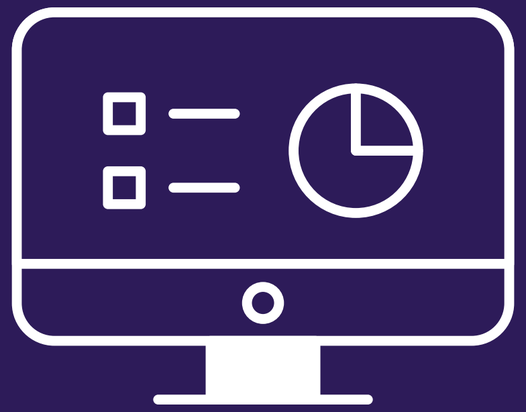
03

Increase accuracy score

Contact Information

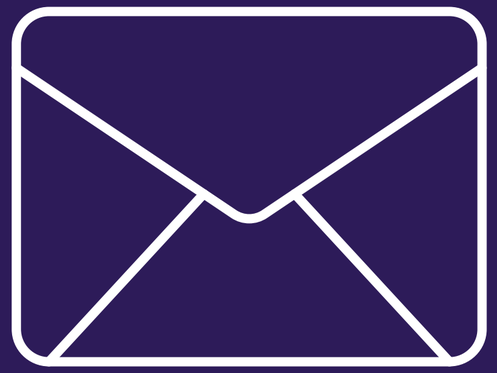
LinkedIn

linkedin.com/in/cooper-mccombs



Github

github.com/CoopaM



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