

Top 5 zipcodes to invest in the NorthEast

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Presentation Outline

- Purpose of Analysis
- Data & Methods
- Results
- Recommendations
- Future Steps

Purpose of Analysis

Business Question:

New Real Estate investment firm based out of NY wants to know what the top 5 best north-eastern zip codes for them to invest in for single family housing for the next 7 years?

Forecast future home value prices for the top 5 zip codes.

Data & Method

Data:

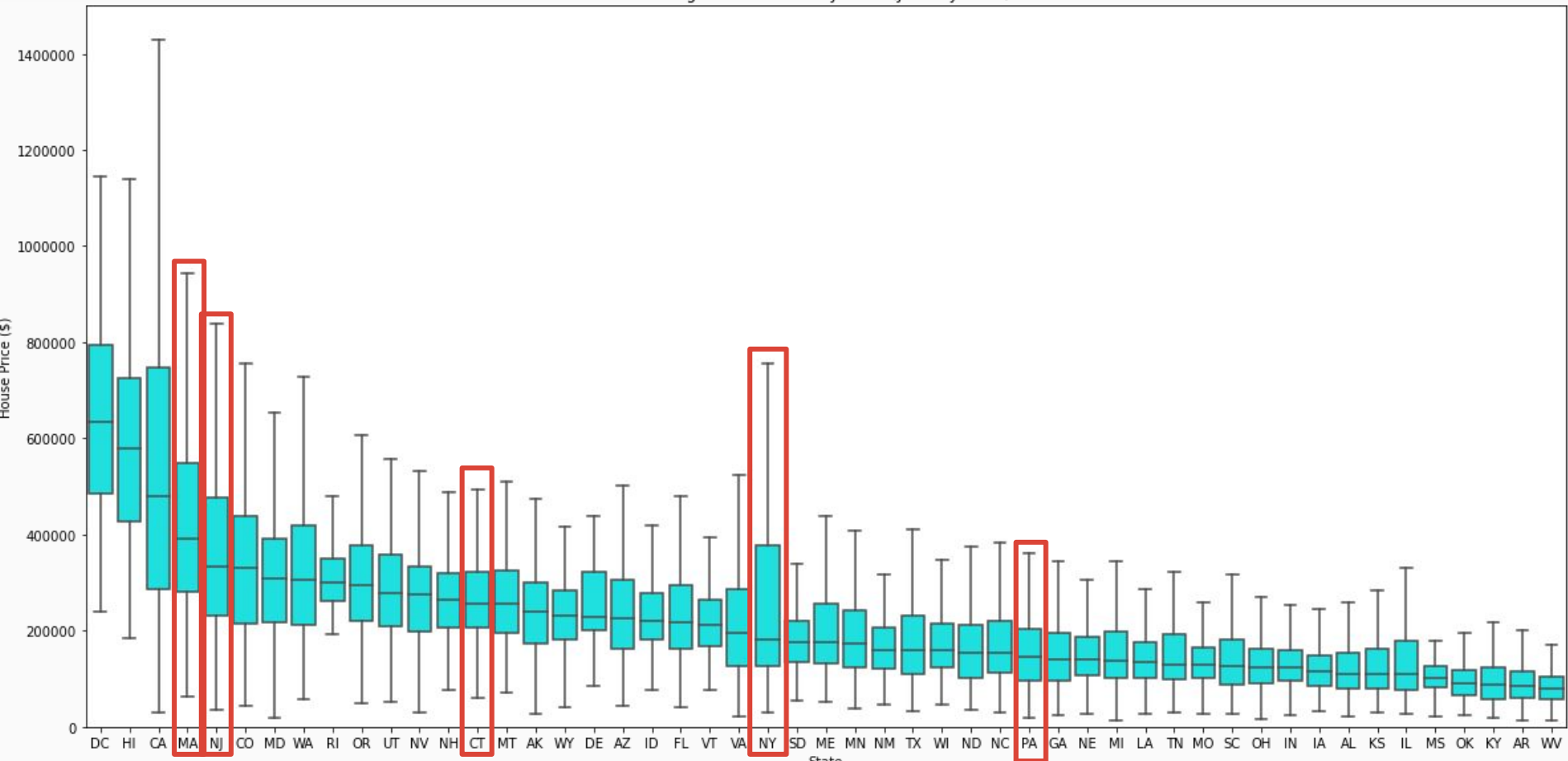
Zillow Website - Home Values

Method:

Predict future home sales for the top 5 zip codes using SARIMAX

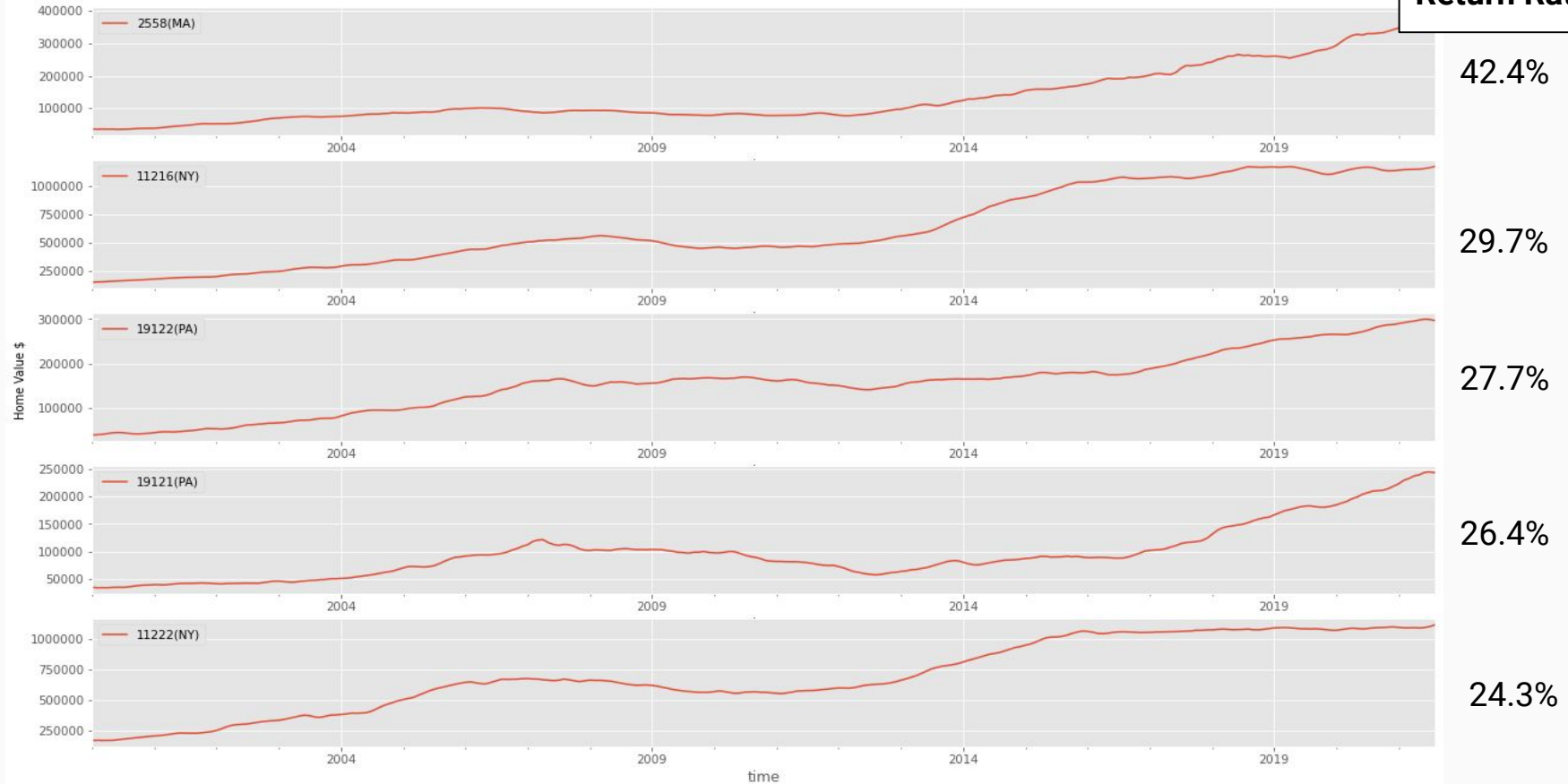
- Annual Average Return Rate

Average House Prices By State (January 2019)

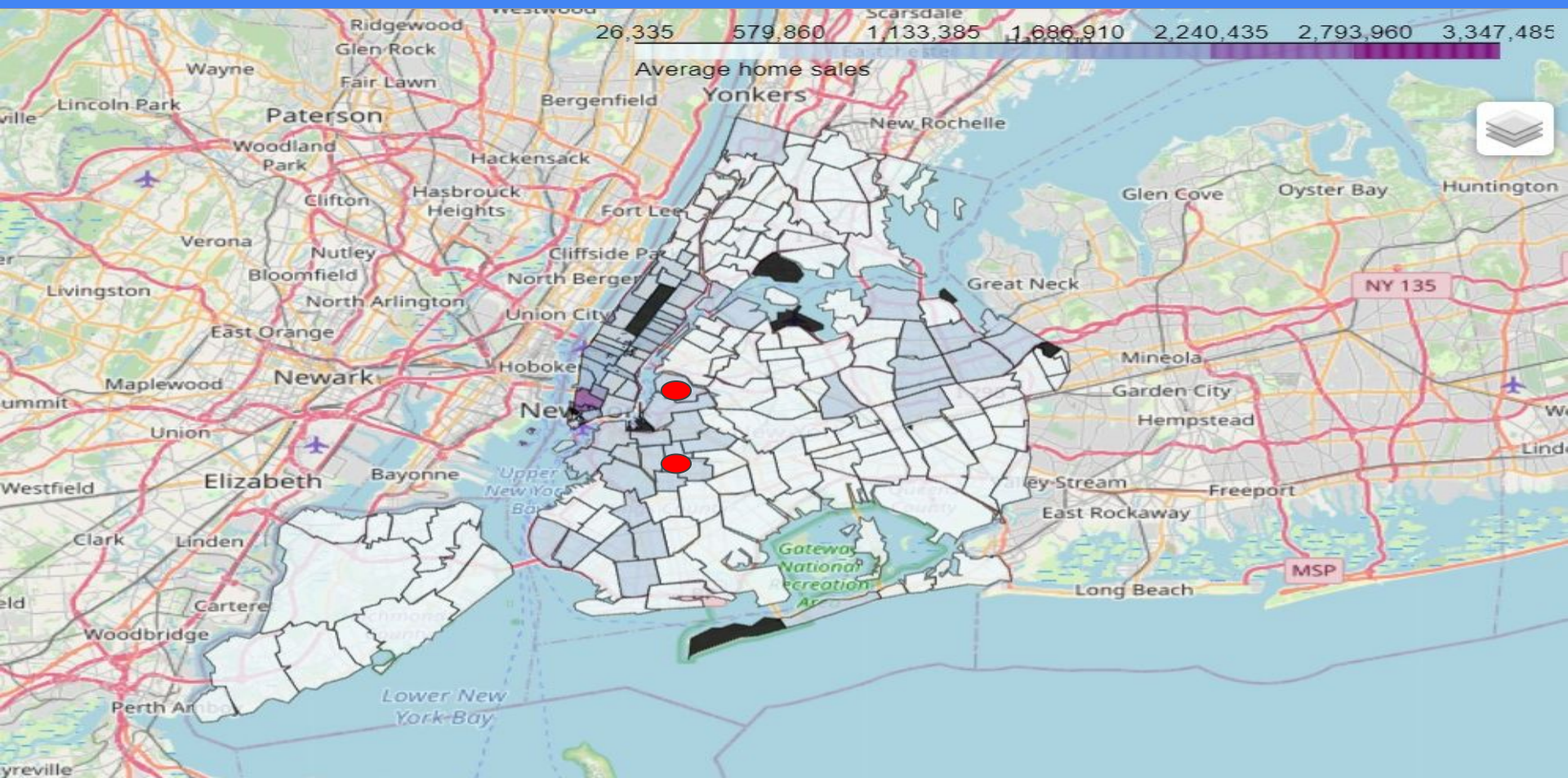


Home Values of Top 5 Zip codes

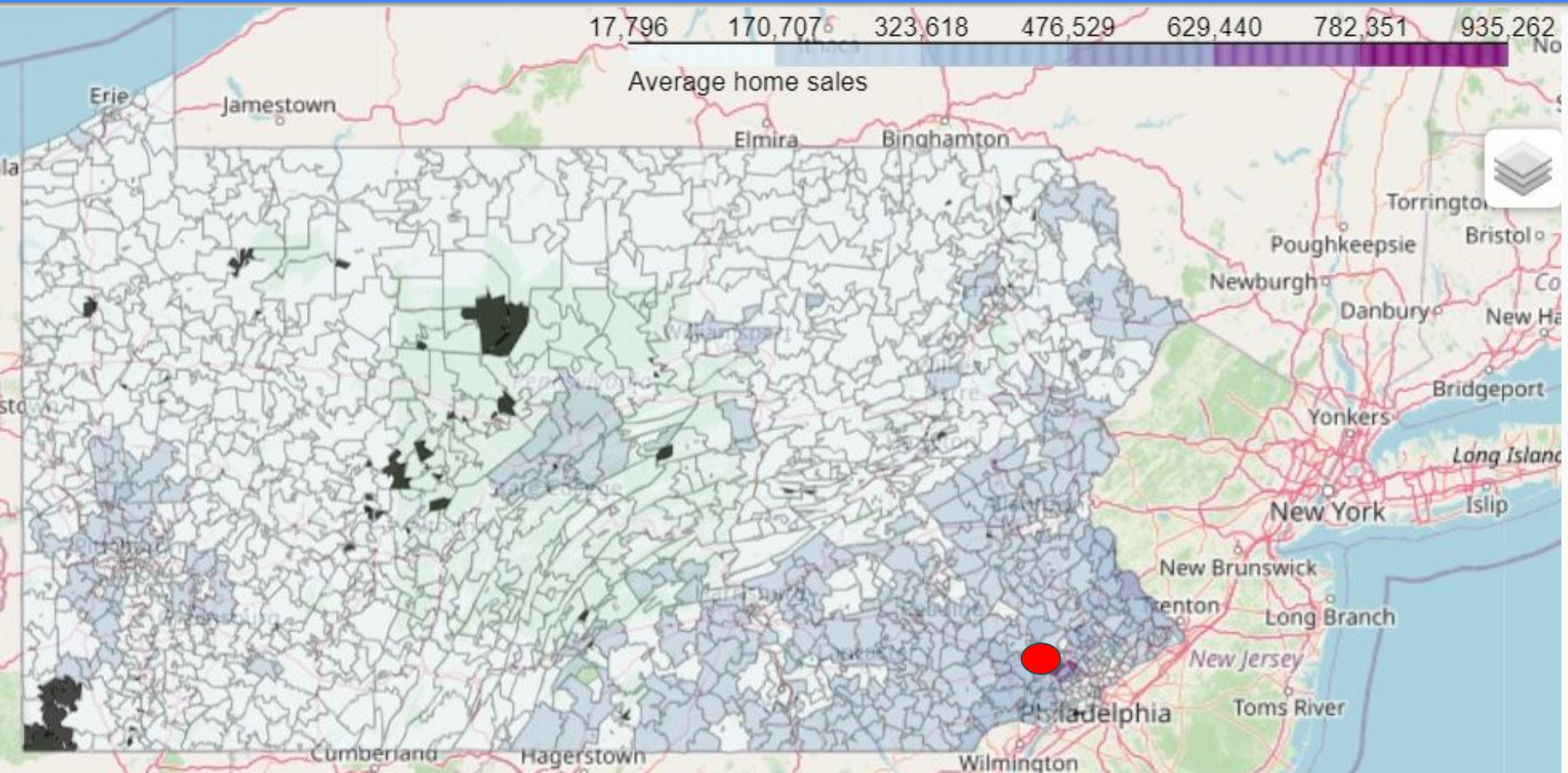
**Annual Average
Return Rate**



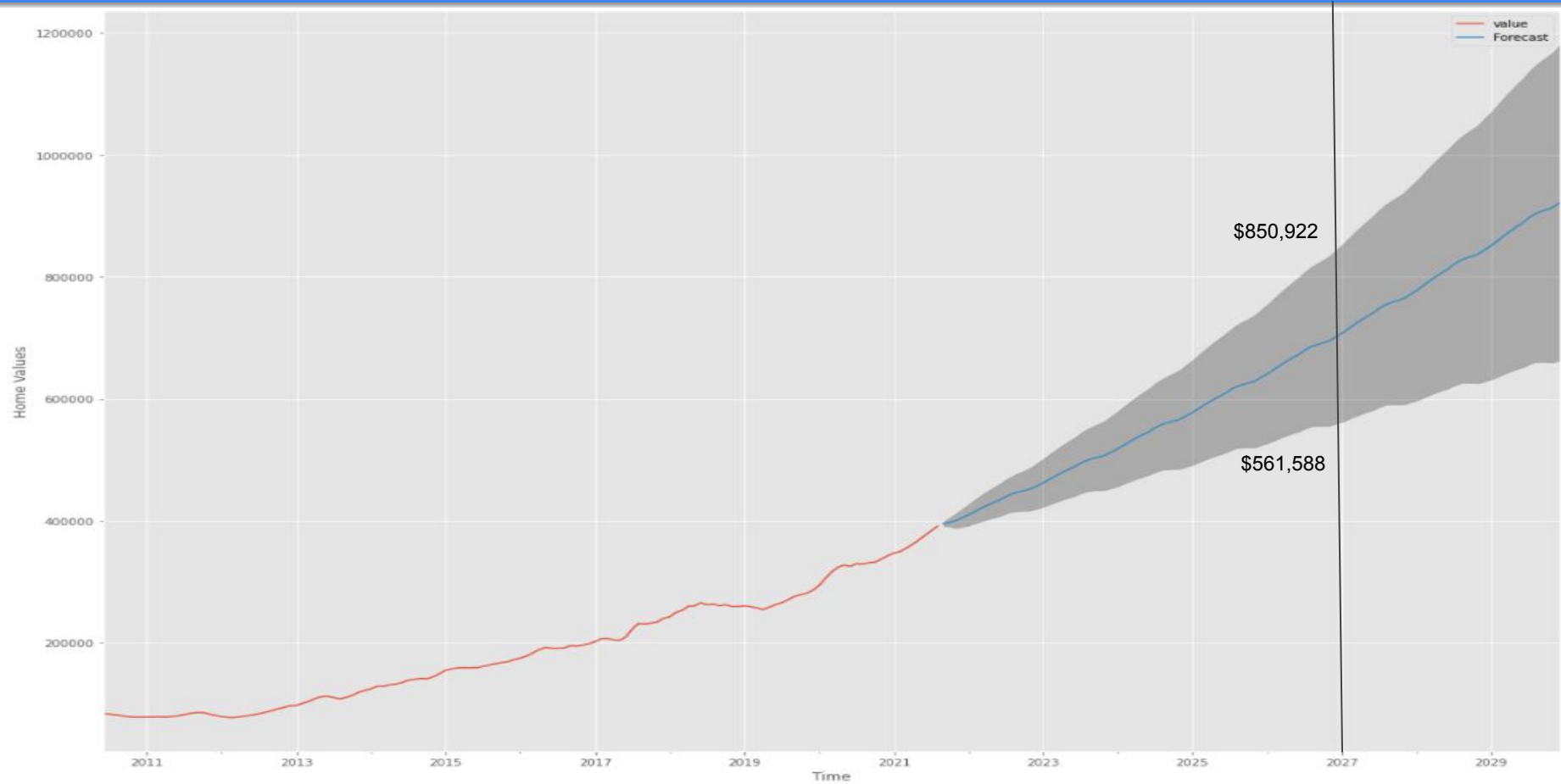
NY



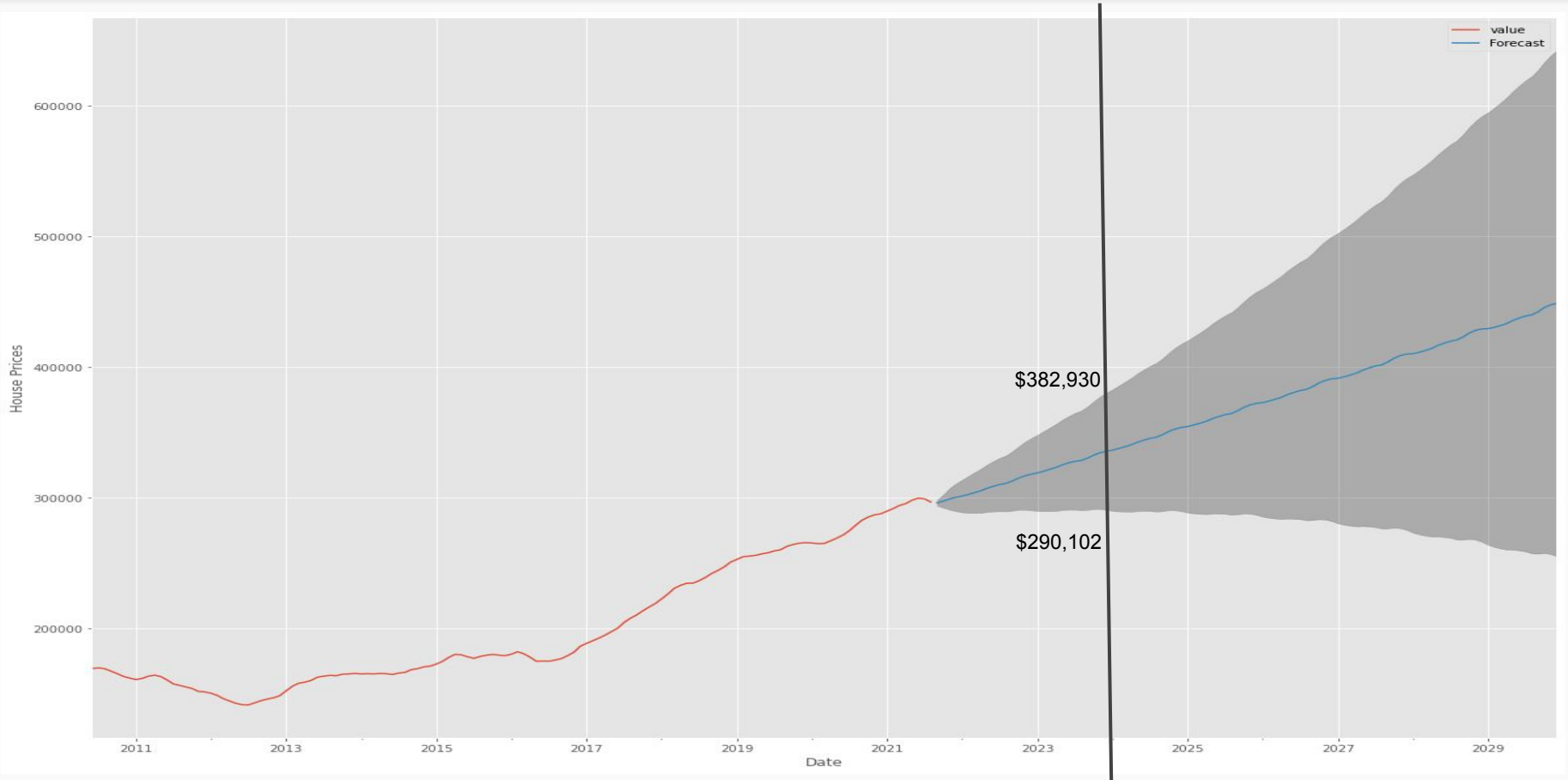
PA



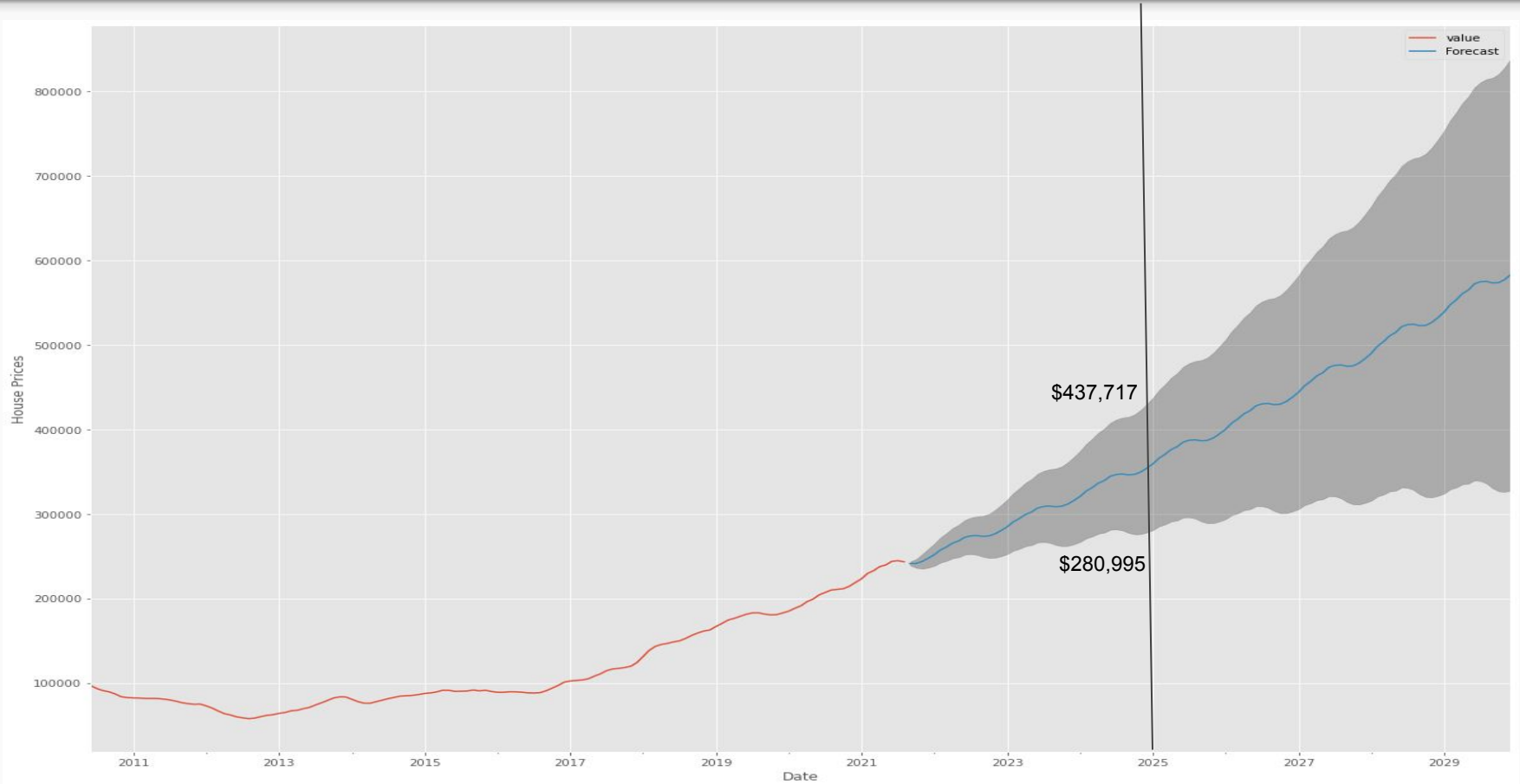
Results - 02558 (Wareham, MA)



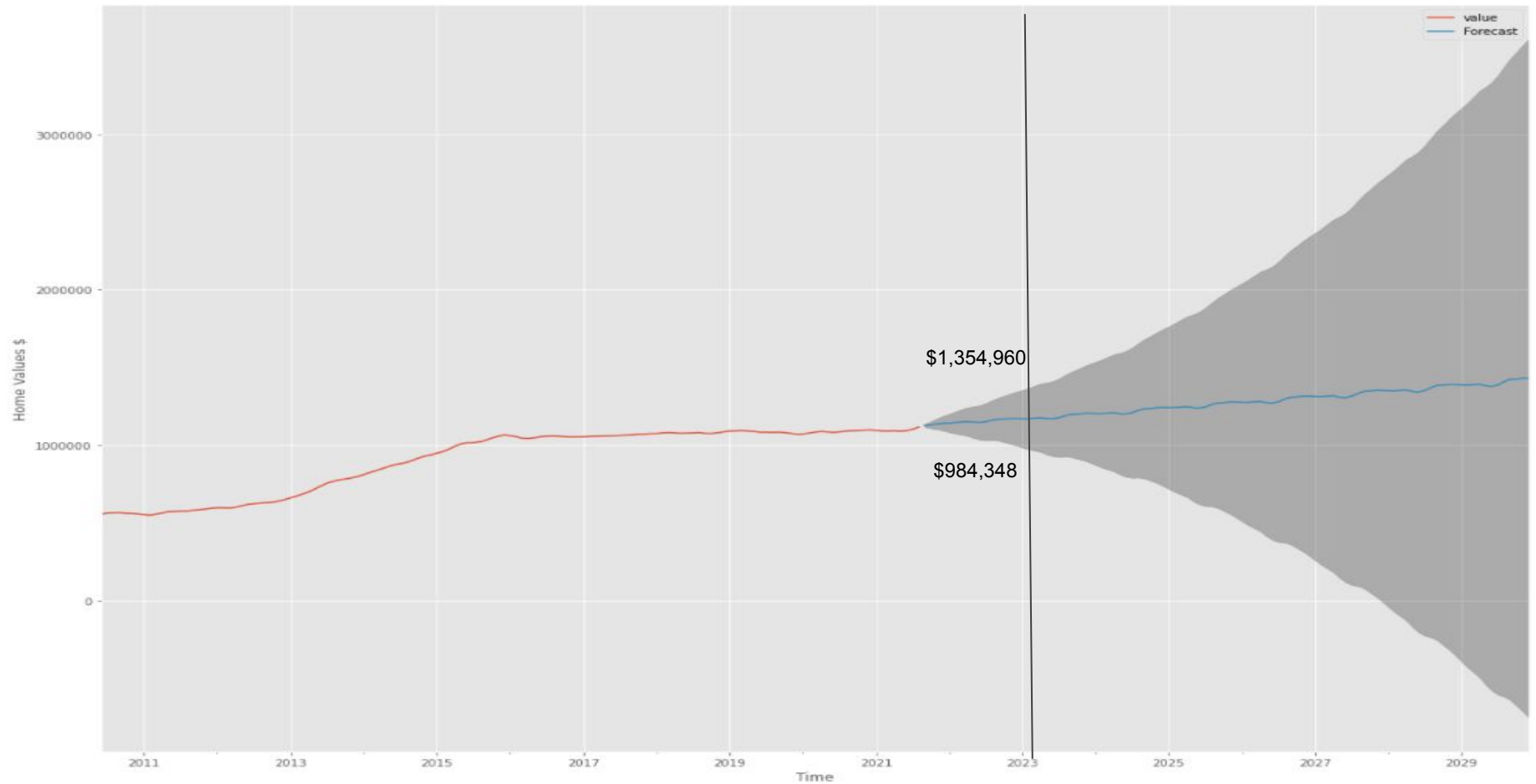
Results - 19122 (Philadelphia, PA)



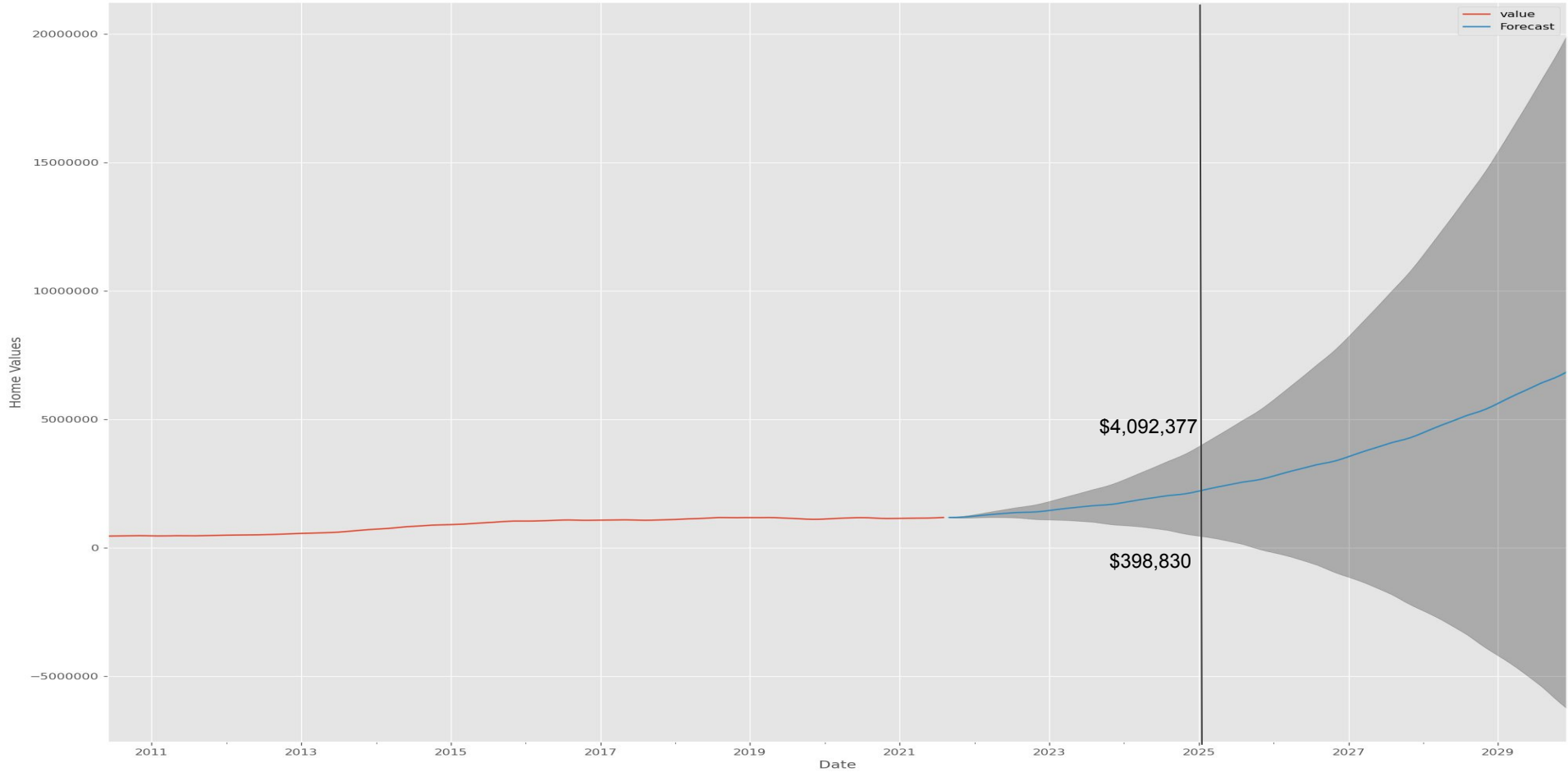
Results - 19121(Philadelphia, PA)



Results - 11222 (Brooklyn, NY)



Results - 11216 (Brooklyn, NY)



Recommendation

Best focus would be Wareham, MA 02558.

- In the next ten years our model predicts that the average home price in Wareham will double.

Future Steps

- Explore detailed home values of the top 5 zip codes instead of seeing the average per month
- Compare Zillow's forecast data with ours

Thank You

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