

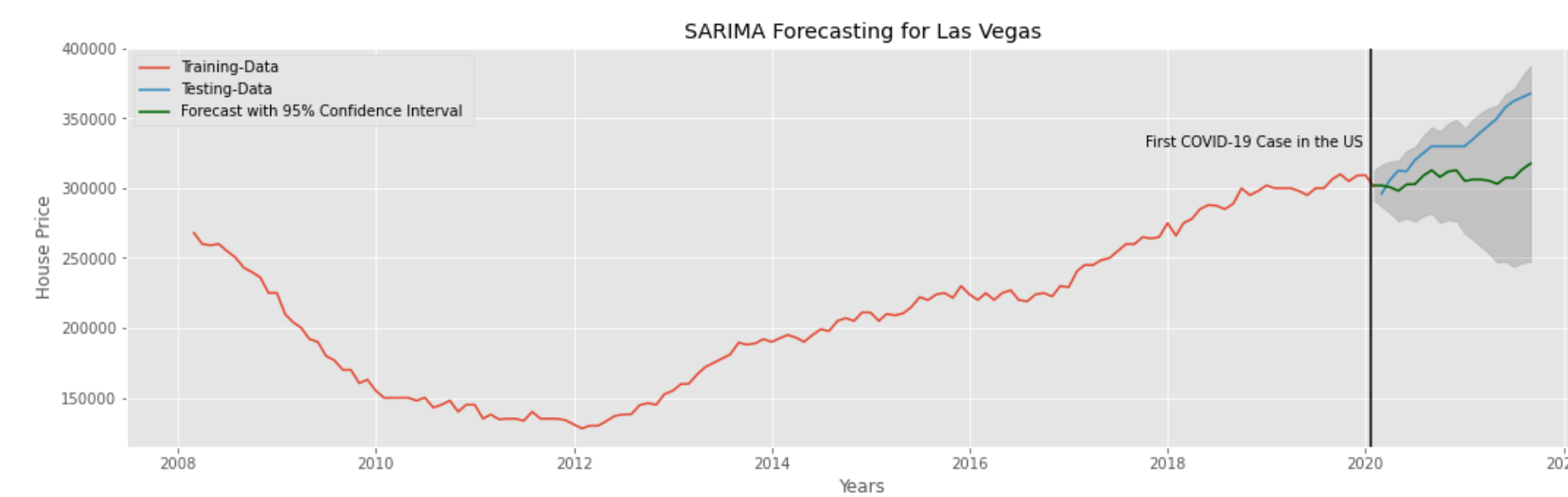
Result of Housing Price Forecasting During COVID 19 Pandemic

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housing-price-forecasting-during-covid-19-pandemic

a.



This one pager examines the housing price dynamics within a univariate time series forecast for the United States (US) cities Miami, Minneapolis and Las Vegas during the COVID-19 pandemic. The seasonal autoregressive integrated moving average model (SARIMA) was used as it is able to capture housing-price dynamics based on historical data. Subsequently, the resulting excess trend was regressed against total infections for each of the three cities. Prices on the US real estate market, represented by selected local housing markets, are growing continuously despite the COVID-19 pandemic with an even accelerated trend for the observed characteristics. A more detailed version of our housing price analysis is provided in the PDF report listed below.

Protocols:

- 1) [DataAnalytics_house-price-forecast_COVID.pdf](#)

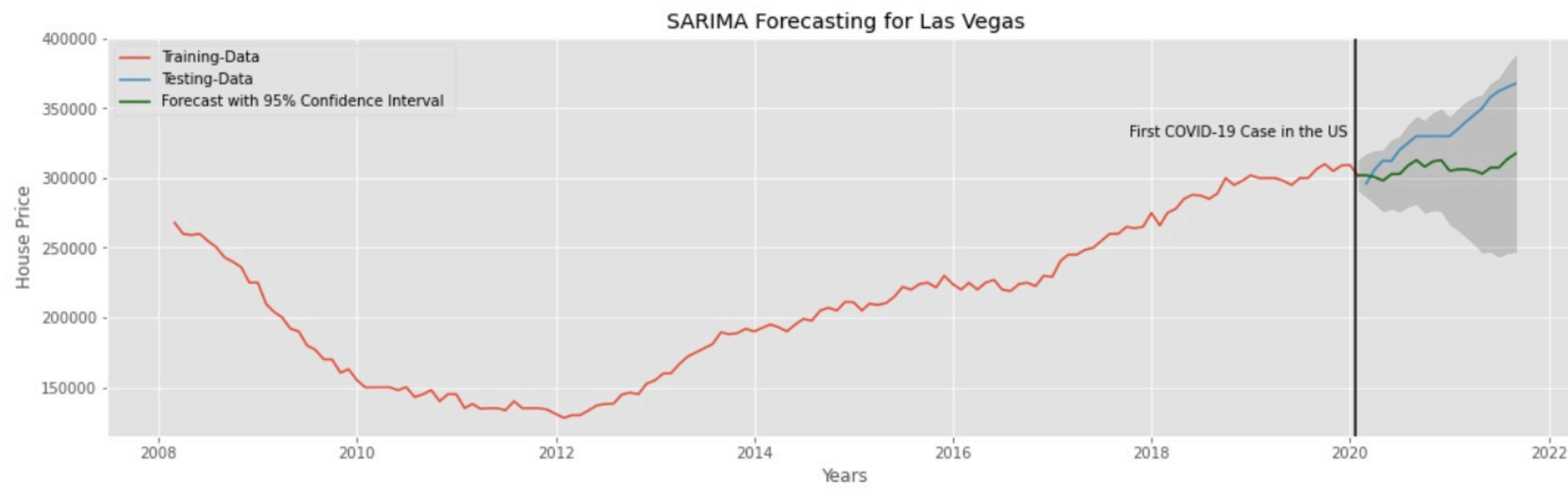
Code:

- 1) [Github](#)

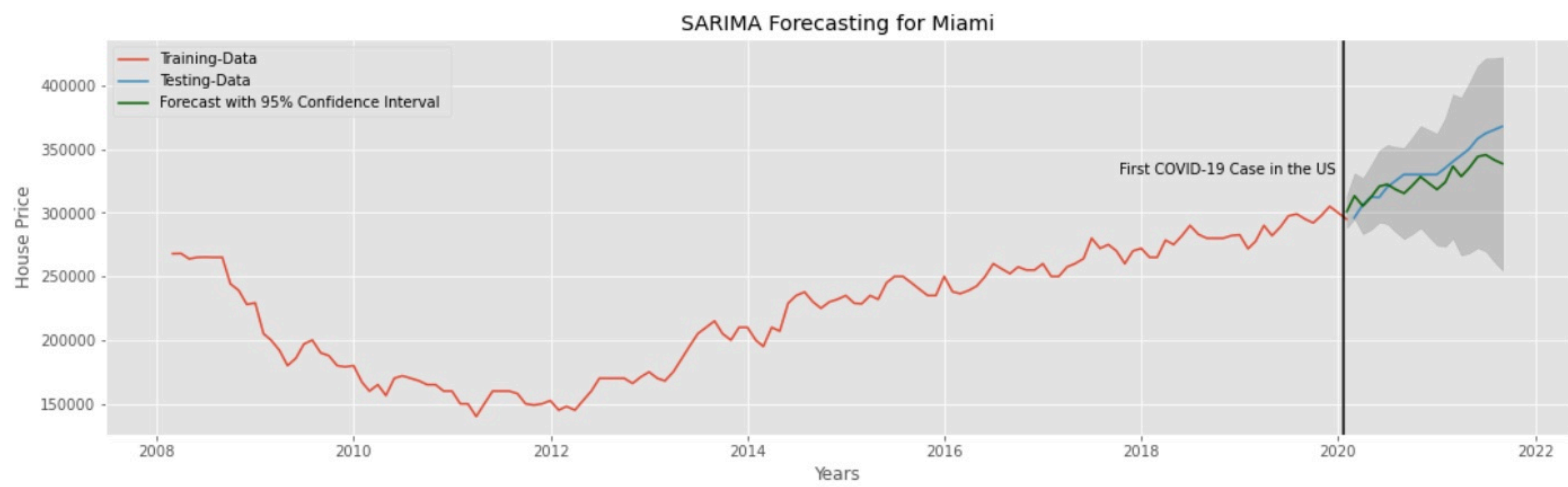
Datasets:

- 1) [us-counties.csv](#)
- 2) [cities.csv](#)

a



b



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