

PHASE FOUR FINAL PROJECT

A large, abstract graphic element consisting of numerous thin, curved purple lines that curve and overlap to create a sense of depth and motion, resembling waves or a stylized neural network.

Top Five Zipcodes for Optimizing ROI

PRESENTED TO

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June 6th, 2023

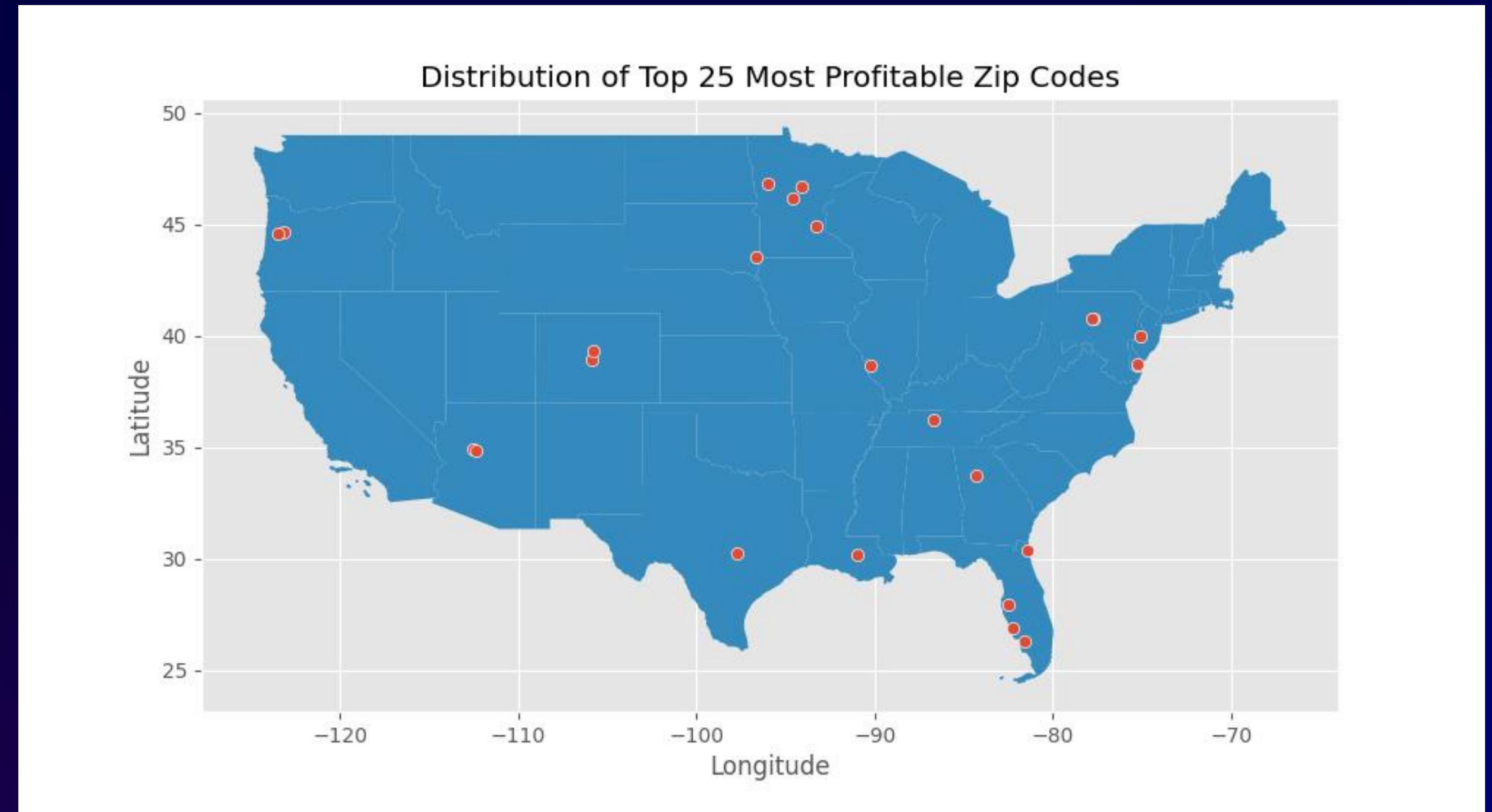


Business Objective

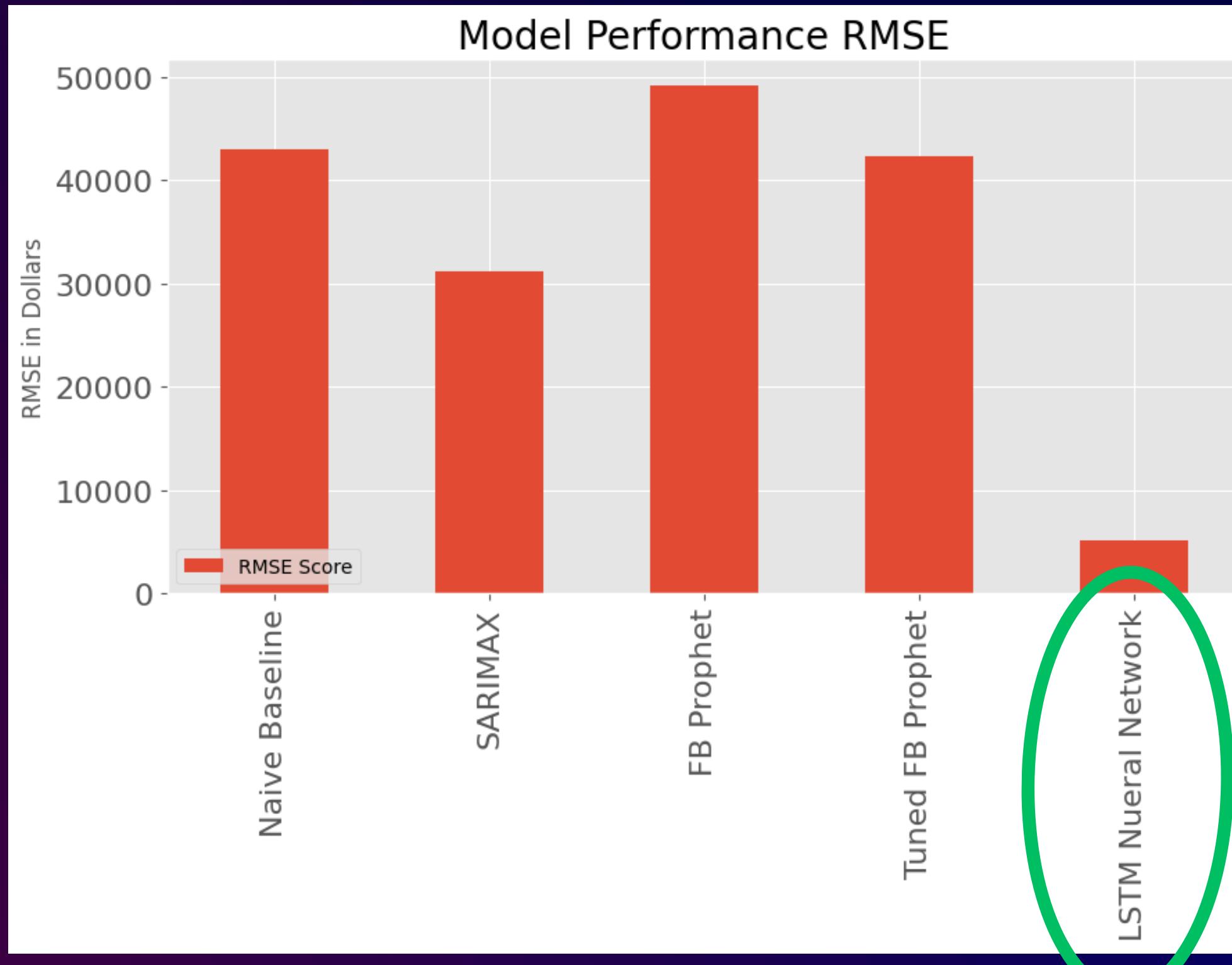
Compass Real Estate is interested in investing in **lower-priced housing** for a smaller but more consistent revenue stream. Compass would like to test this new approach by **identifying and investing in Five Zipcodes** with the **highest ROI**.

Zillow Dataset

- The original dataset has 14723 zipcodes with average housing prices between April 1996 till April 2018
- Zipcodes were filtered to Only Include Properties with an average price under \$300,000 as of April 2018
- Top 25 Zipcode were selected after being ranked by ROI



Results



Models were developed and evaluated using **RMSE** to assess the accuracy of predictions. **LSTM Neural Network model** was found to have the lowest **RMSE of \$6,553** on the test data series.

Conclusions

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Happy designing!

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before presenting.



Recommendations

