




# Real Estate Investment by Zip Code

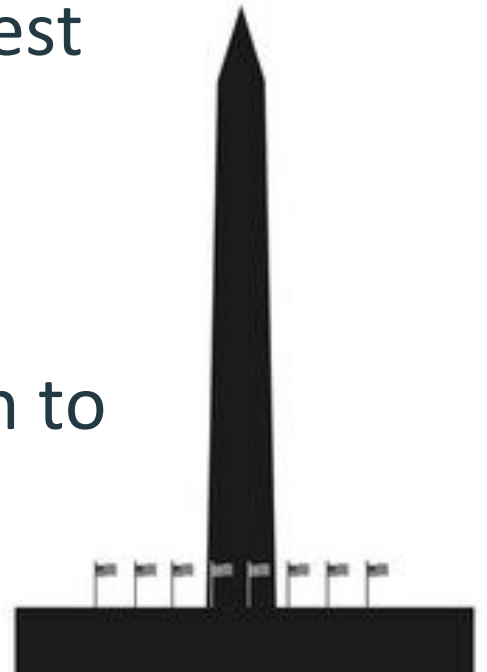
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## Question and Goals

What are the best 5 zip code to invest in as a real estate firm?

- Focus on Washington, DC
- Generalize coding for application to any region



## Brief methodology

- Isolate region zip codes
- Optimize individual models for forecasting
- Visualize predictions
- Calculate ROI for 1 year and 2 years

# Best zip codes in DC

Zipcode	ROI_1yr	ROI_2yr
20020	0.067	0.145
20019	0.073	0.138
20011	0.070	0.135
20002	0.061	0.104
20012	0.041	0.103



## Recommendations

- Invest in Southeast and Northeast quadrants of DC
- Expand analysis region to include entire DMV area
- Connect with local government concerning gentrification

## Future Work

- Continue to optimize models for more accurate predictions
- Explore other evaluation metrics
- Test functions on other regions (DMV)



# Thank you

Are there any questions?

