

# Forecasting Boise Property Values

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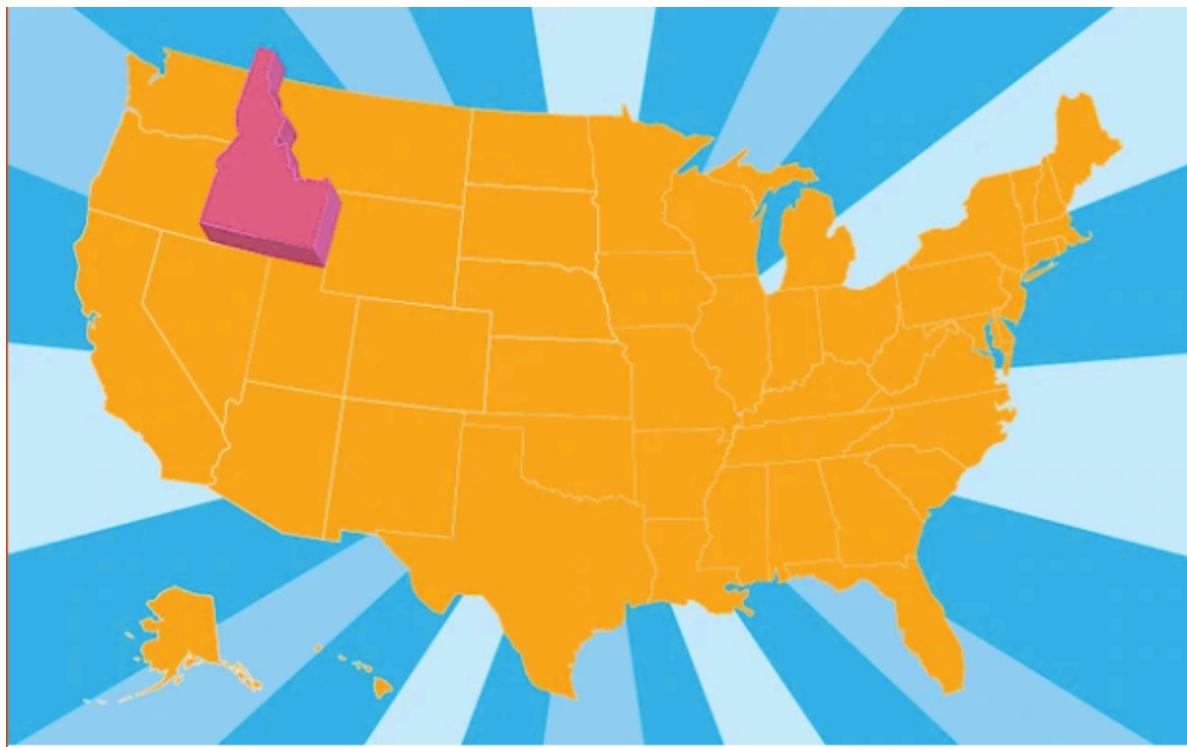
# Overview

- Business Understanding
- Recommended Strategy
- Modeling
  - Time Series Modeling
- Top 5 Zip Codes
- Conclusion
- Future Work



# Business Understanding

- Stakeholder:
  - World Wide Real Estate Investments
- Business Question:
  - What are the top 5 Zip Codes to invest in Idaho?
- Recommended Strategy:
  - Target zip codes in Boise, Idaho.



# Recommended Strategy

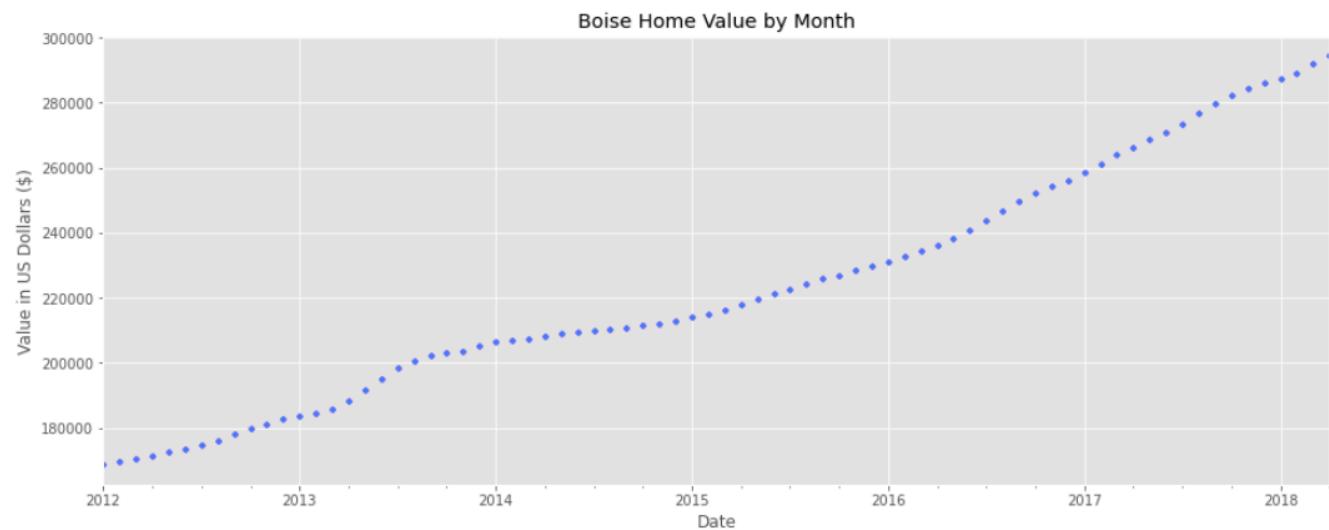
- Why invest in Boise, Idaho?

- Population growth
- Job opportunities
- Existing infrastructure



# Time Series Modeling

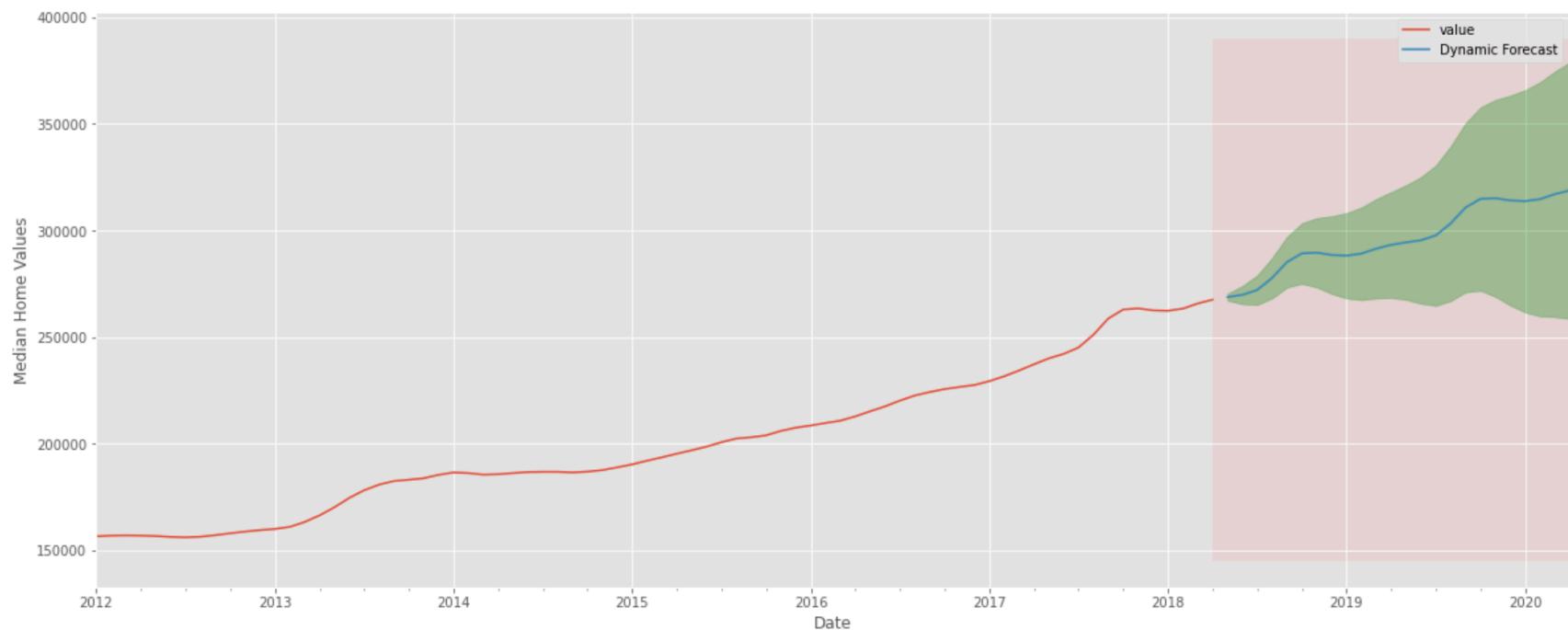
- Time Series is usually used to predict future occurrences based on previous observed occurrences or values.



# Top 5 Zip Codes

- **83706**

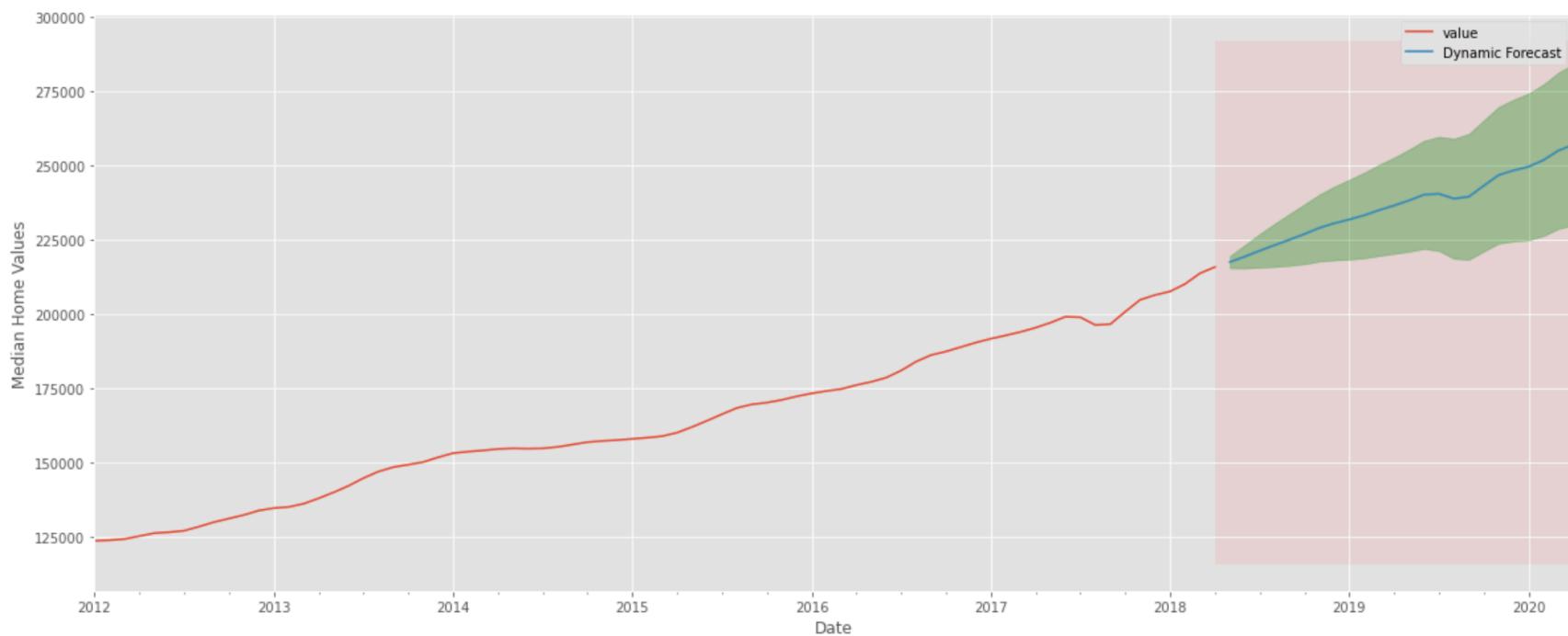
- 18% 2 year ROI



# Top 5 Zip Codes

- **83704**

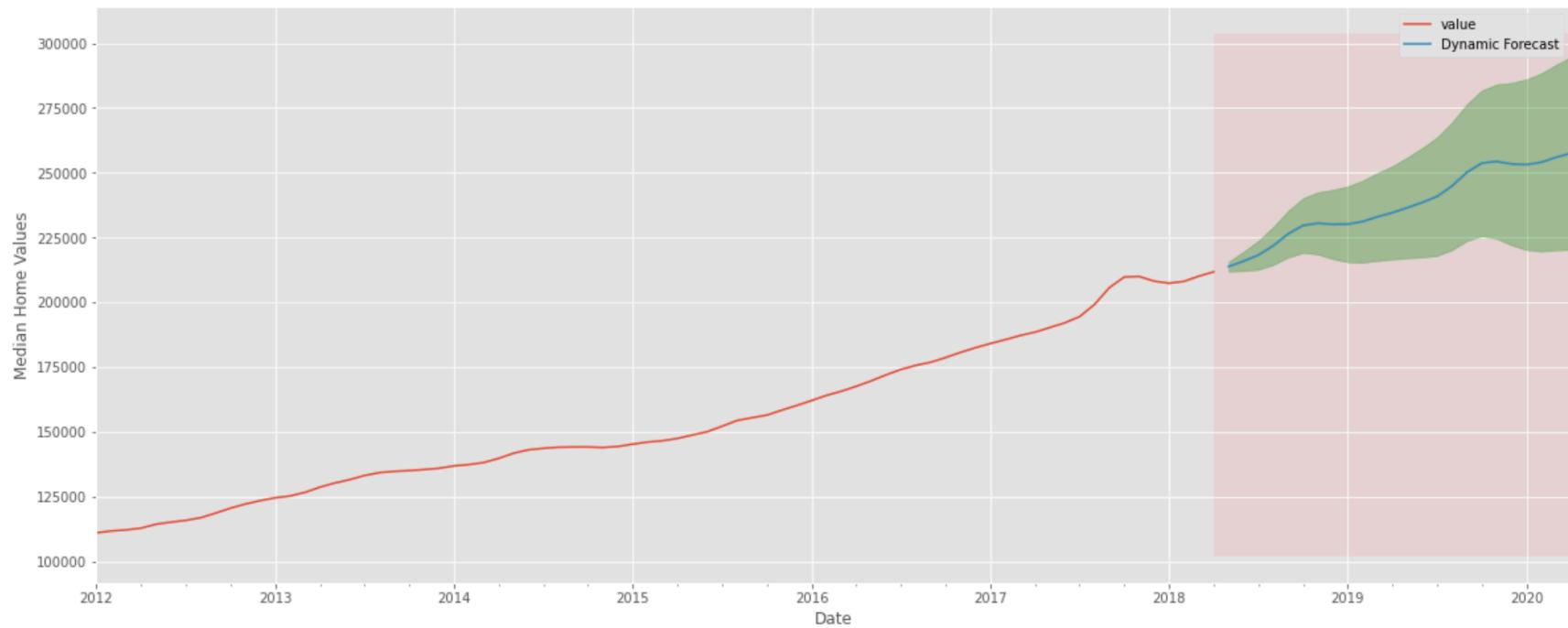
- 18% 2 year ROI



# Top 5 Zip Codes

- 83705

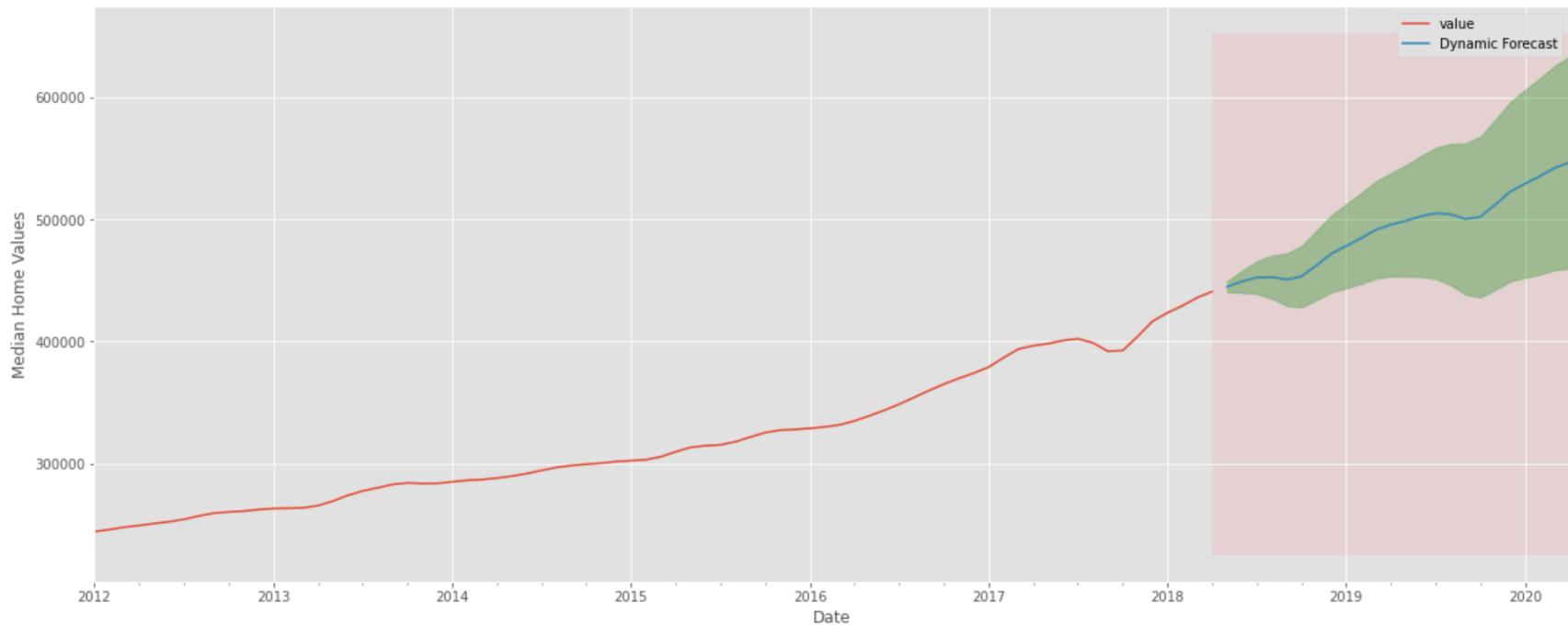
- 20% 2 year ROI



# Top 5 Zip Codes

- **83702**

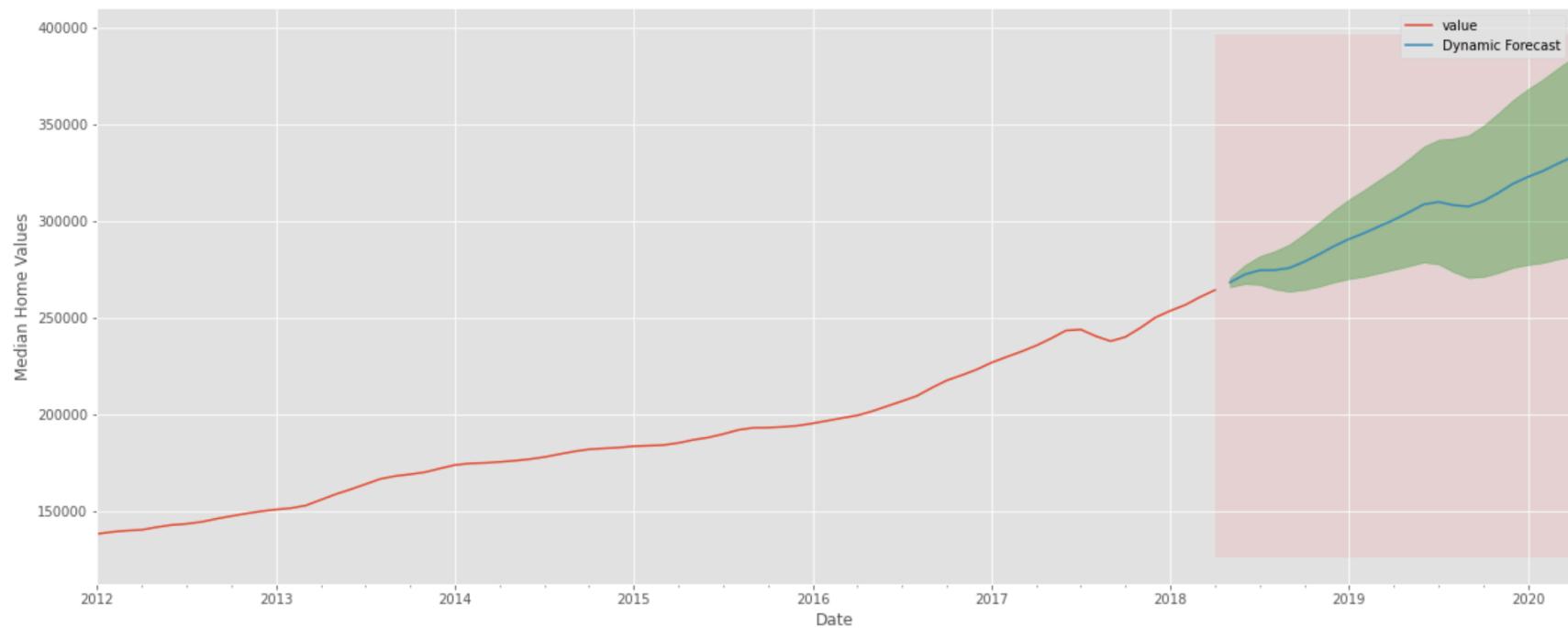
- 22% 2 year ROI



# Top 5 Zip Codes

- 83703

- 24% 2 year ROI



# Conclusion

1. 83703: **24%**
2. 83702: **22%**
3. 83705: **20%**
4. 83704: **18%**
5. 83706: **18%**



## Recommendation:

- 83703 has a low initial investment with great forecasted returns.

## Future Work

- Investigate other parts of Idaho.
  - Compare the findings with Boise.
  - More revenue may create the need to model in other areas.
- Continue to model Boise areas as new data is released.
- Compare Idaho zip codes to other up and coming states.

# Thank you

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🔗 [https://github.com/MHolthouser1024/phase4\\_zillow\\_project](https://github.com/MHolthouser1024/phase4_zillow_project)