

Forecasting Boise Property Values

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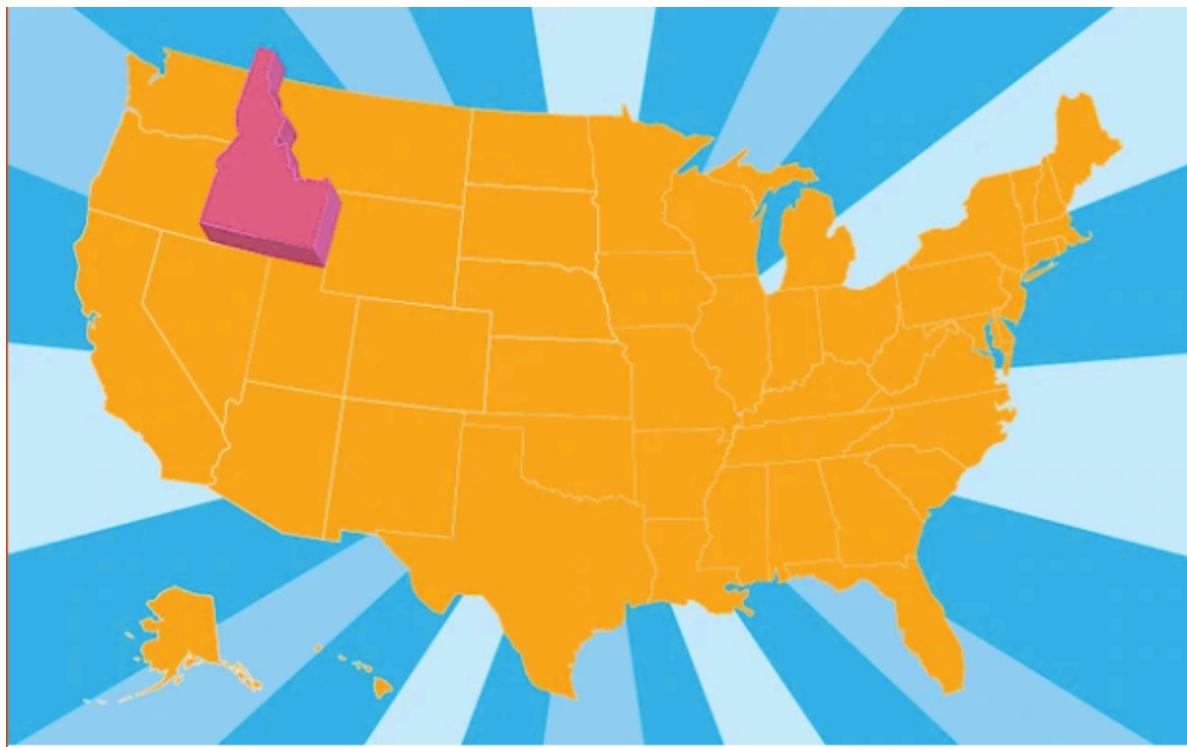
Overview

- 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?

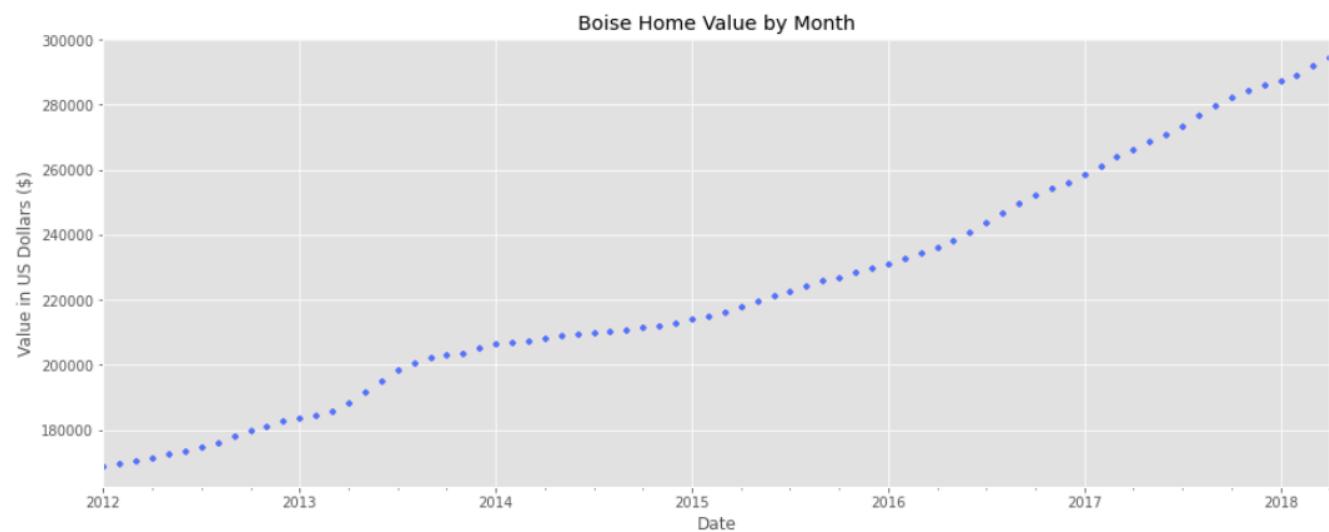
- Population growth
- Job opportunities
- Existing infrastructure





Time Series Modeling

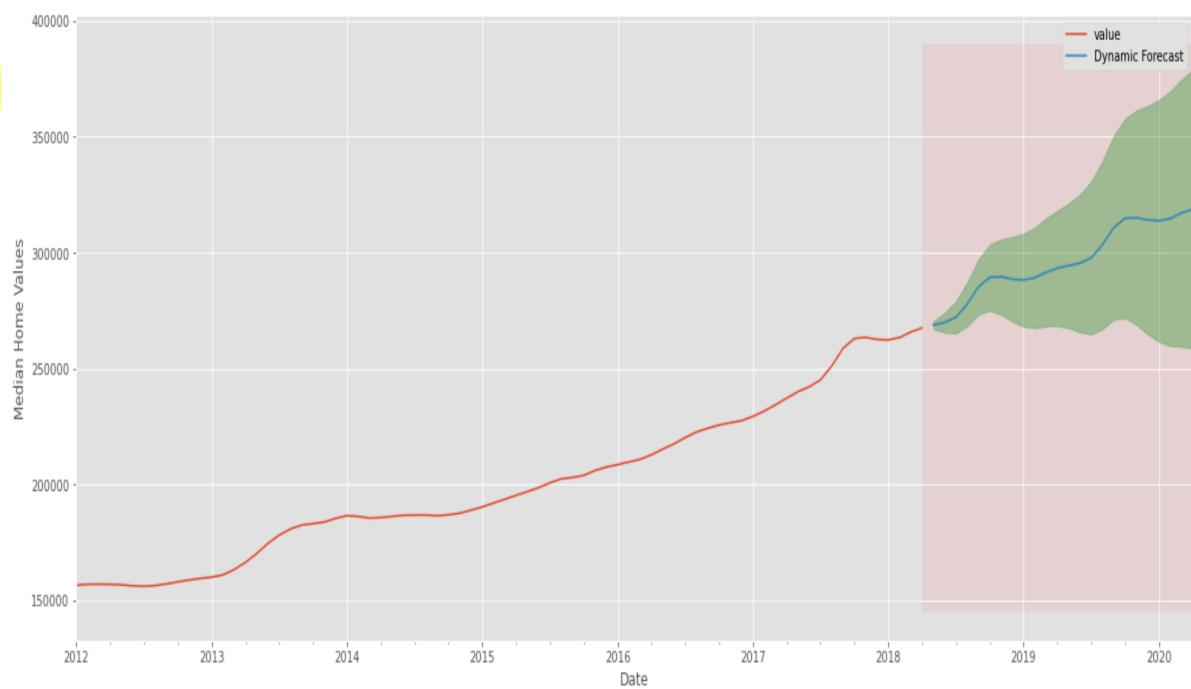
- Time Series is usually used to predict future occurrences based on previous observed occurrences or values.



Top 5 Zip Codes

5. 83706

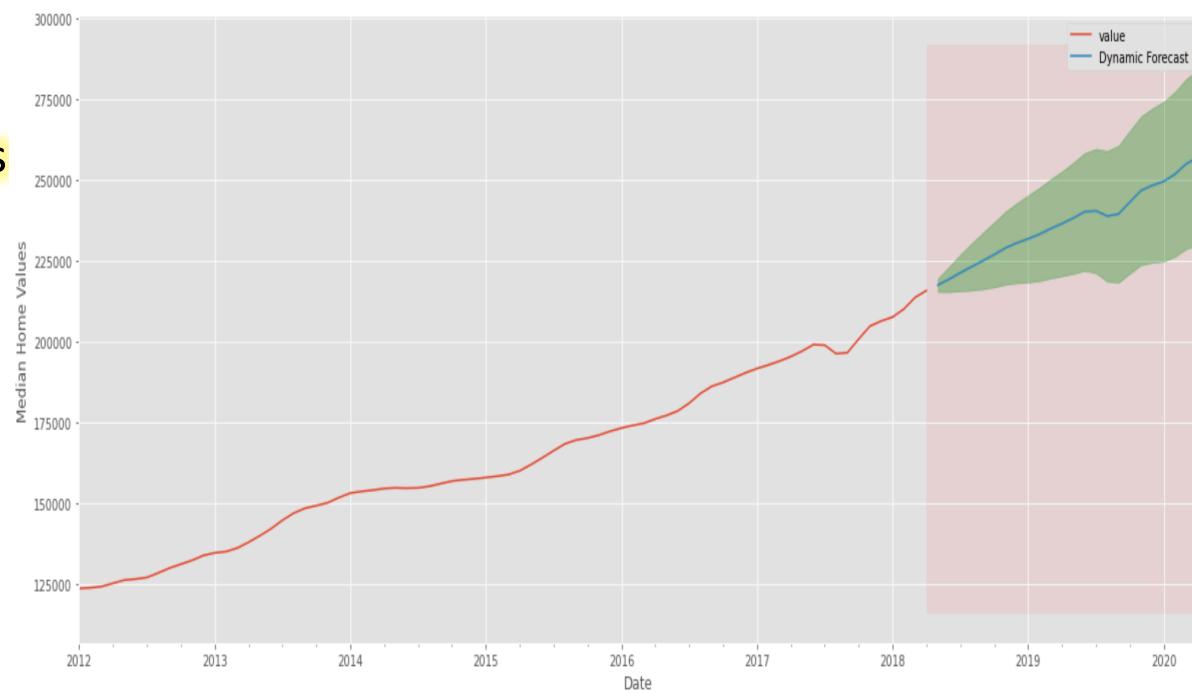
- 18% 2 year ROI
- Dense Suburban
- Great public schools
- Good for families



Top 5 Zip Codes

4. 83704

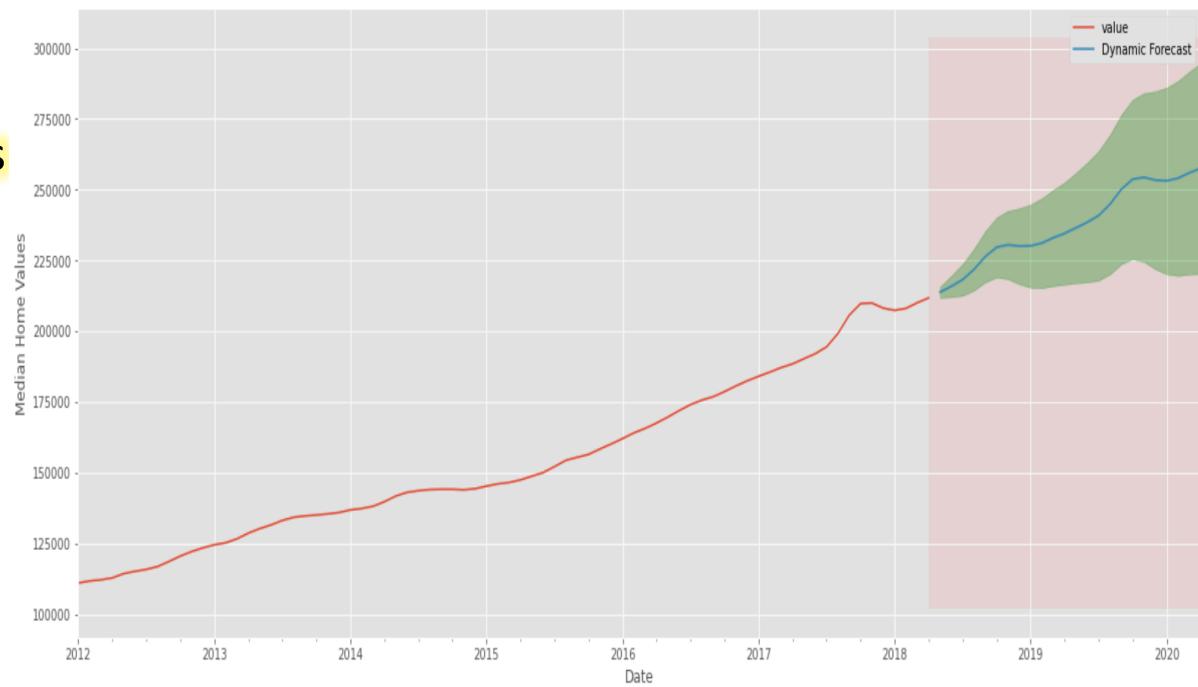
- 18% 2 year ROI
- Dense Suburban
- Good for families
- Great public schools



Top 5 Zip Codes

3. 83705

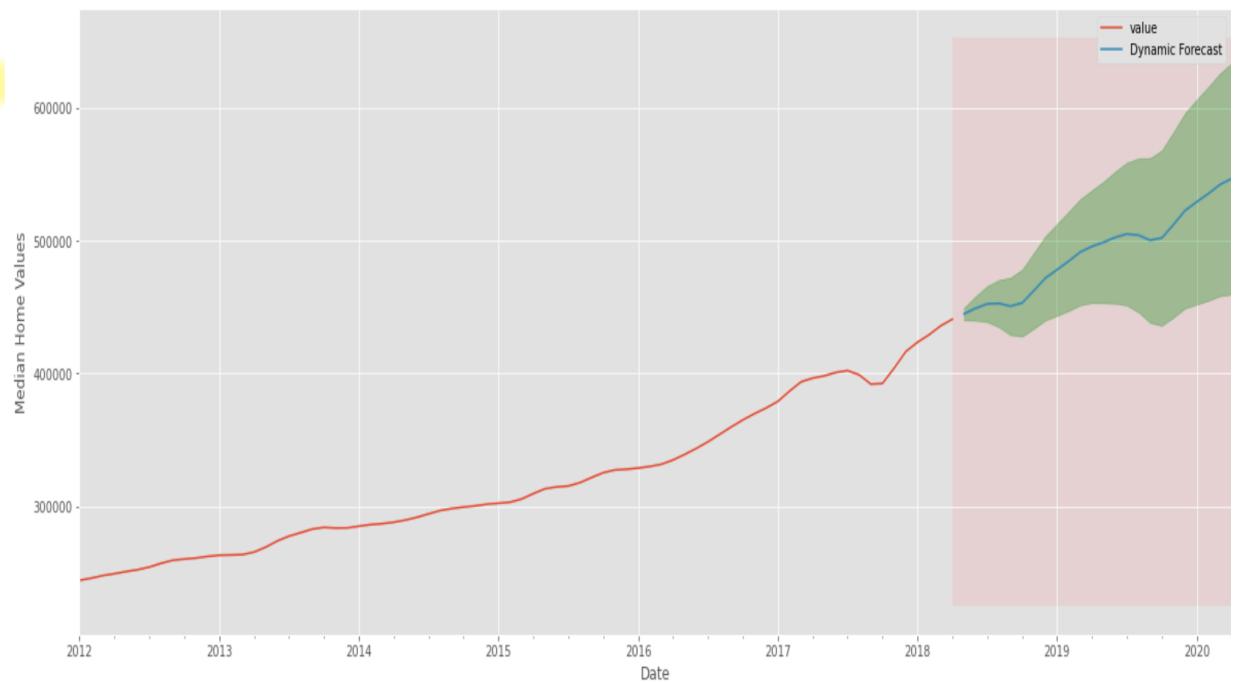
- 20% 2 year ROI
- Dense Suburban
- Good for families
- Good public schools



Top 5 Zip Codes

2. 83702

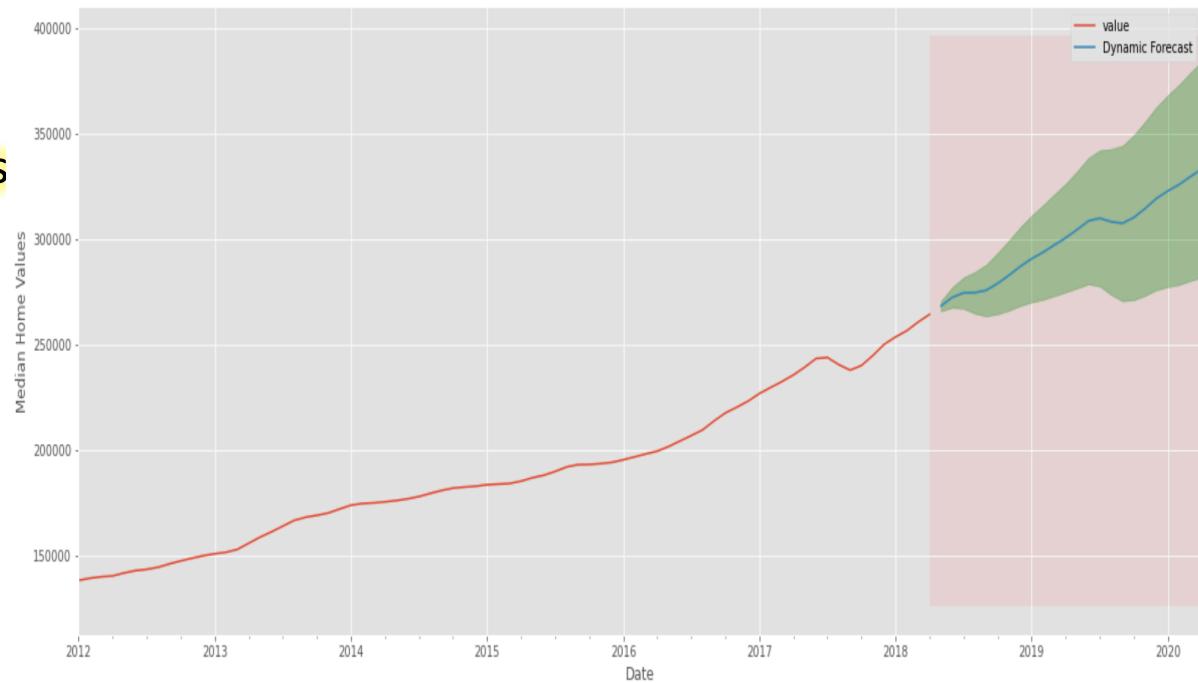
- 22% 2 year ROI
- Higher cost of living
- Great public schools
- Great for families



Top 5 Zip Codes

1. 83703

- 24% 2 year ROI
- Dense suburban
- Great for families
- Great public schools

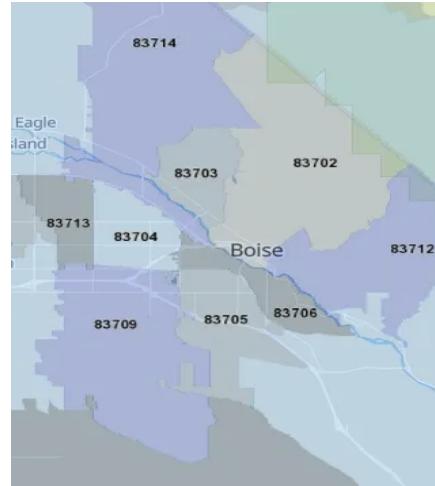


Conclusion

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

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