

# HOUSE PRICE PREDICTION IN ATLANTA

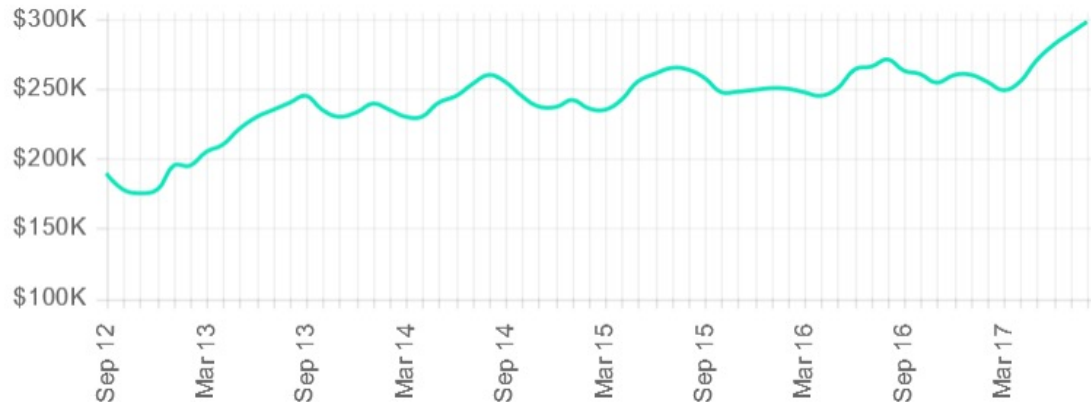
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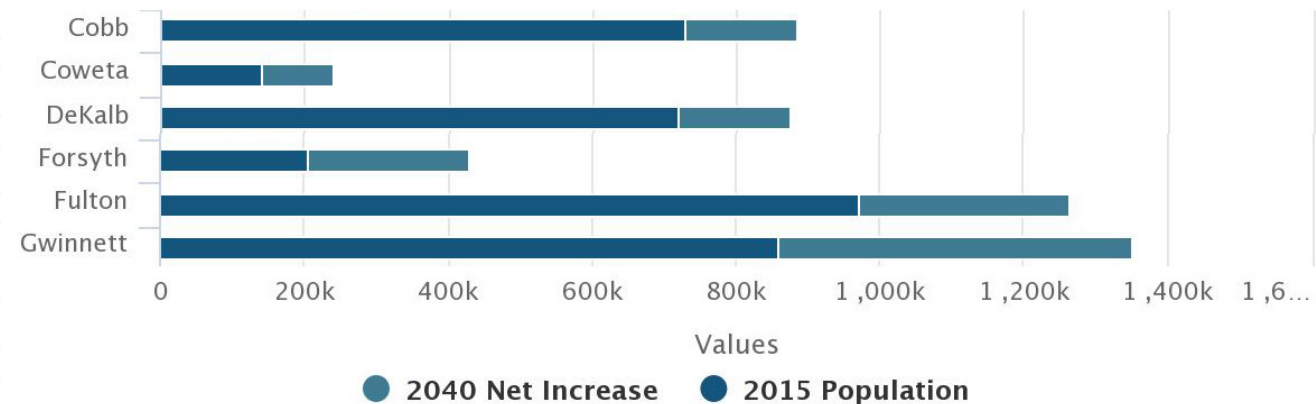
## BACKGROUND

- More people moving to Atlanta!
- Motivation: design a house search tool
  - Web application
  - Recommend house selections based on various factors
  - Prediction of future housing prices

Median Sales Price



2040 Population Increase



## Location-based House Price Prediction

- Linear regression
- Hedonic pricing models
- Commuting cost: standard urban model
- Fuzziness: fuzzy linear model
- Location-based recommendation system

## Temporal House Price Prediction:

AR and MA

# APPROACH & APPLICATIONS

