

Exploring Atlanta Neighborhoods

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Introduction

Data Sources

- Geospatial Data

- Foursquare Data

Data Processing

K Nearest Neighbors Classification Model

- Inputs

- Cross Validation

Assessing the Model

- SKLearn and Scoring functions

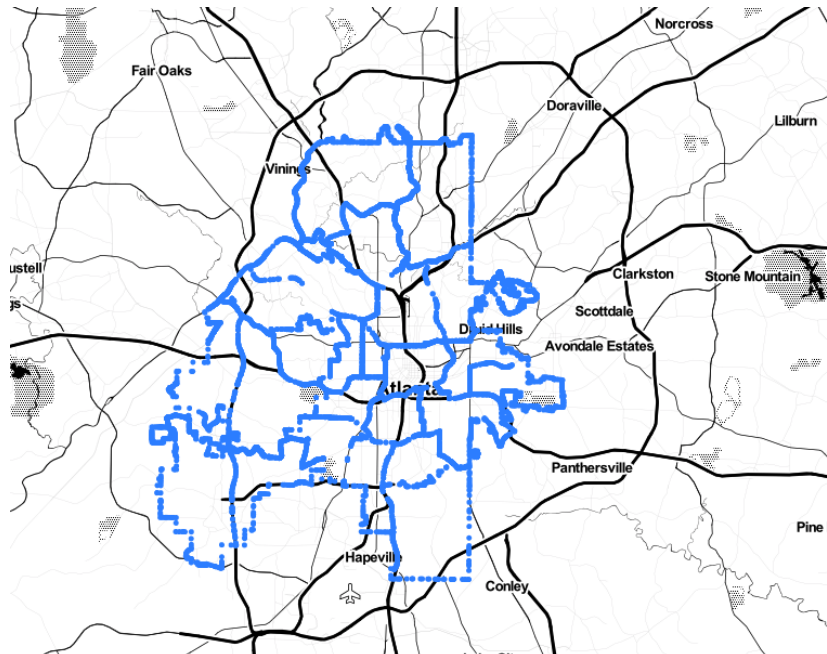
- Visual Comparison

Discussion

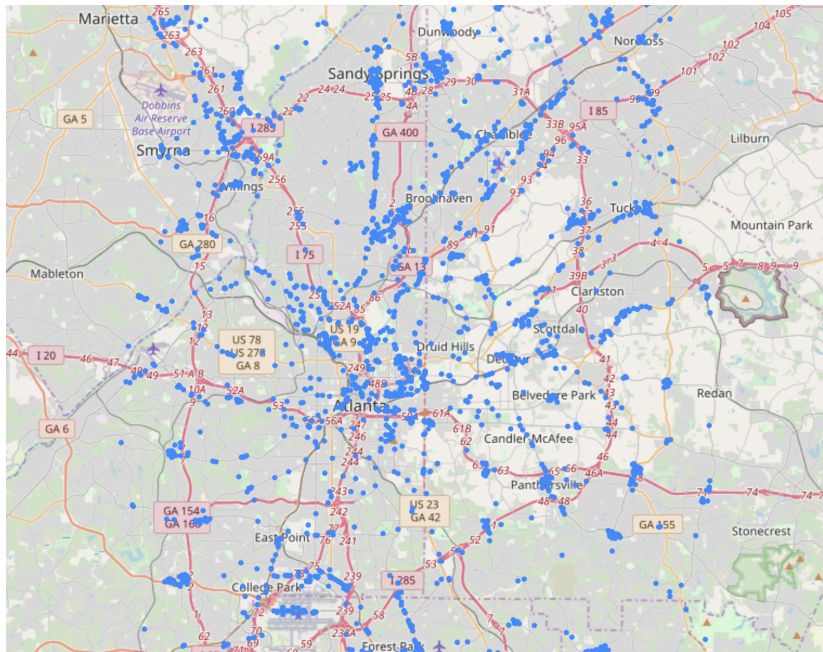
Extensions

Neighborhood Planning Units

City of Atlanta's GIS System



Foursquare Data



K Nearest Neighbors Classification

Model Inputs

Cross Validation

Model Score

Visualizing Model Accuracy

Discussion

Future Work