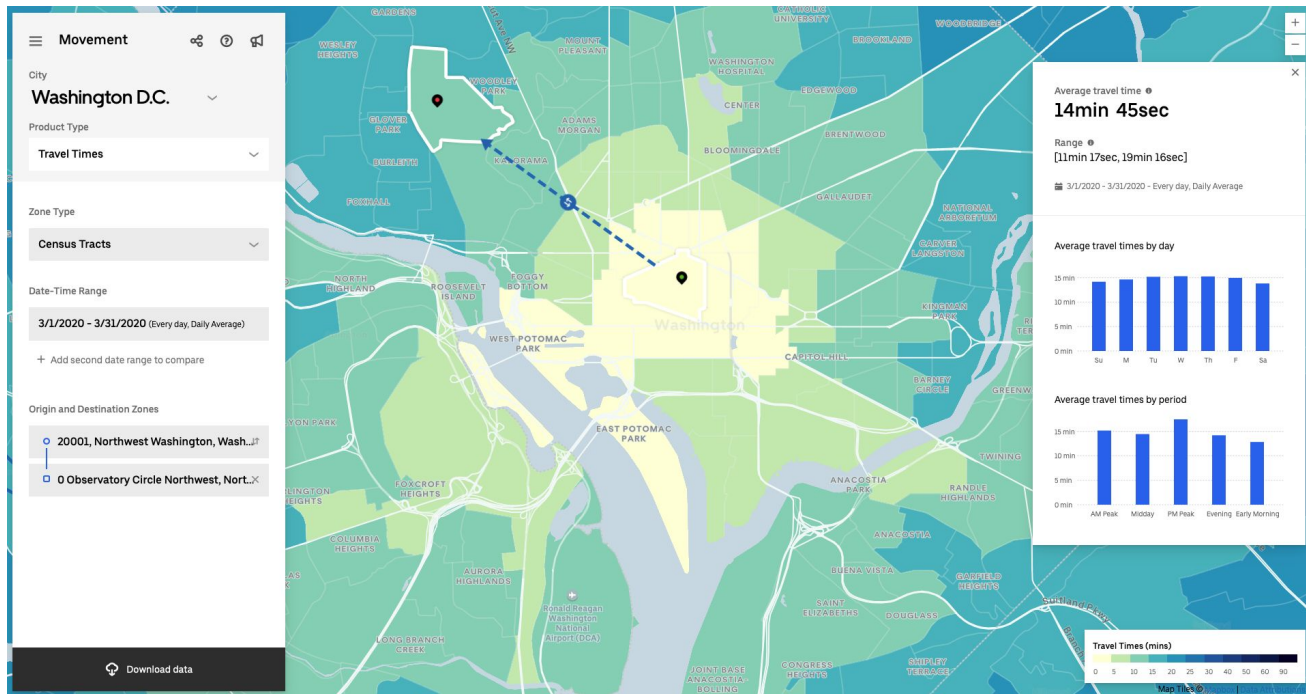


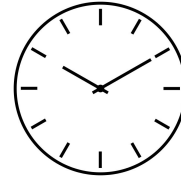
Forecasting Uber Travel Times

Bobby Williams

Uber Movement



Goal



A



B

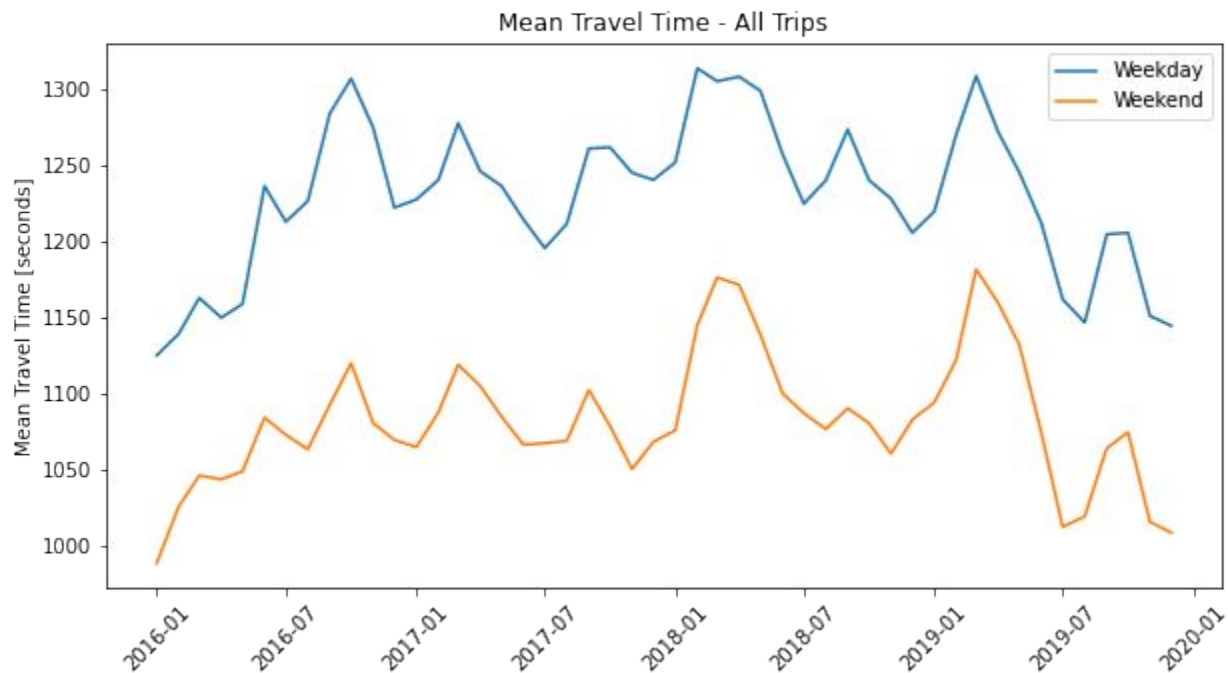
Data

- 17M data points
- Mean Travel Times from 2016-2019
- Trips across Washington DC

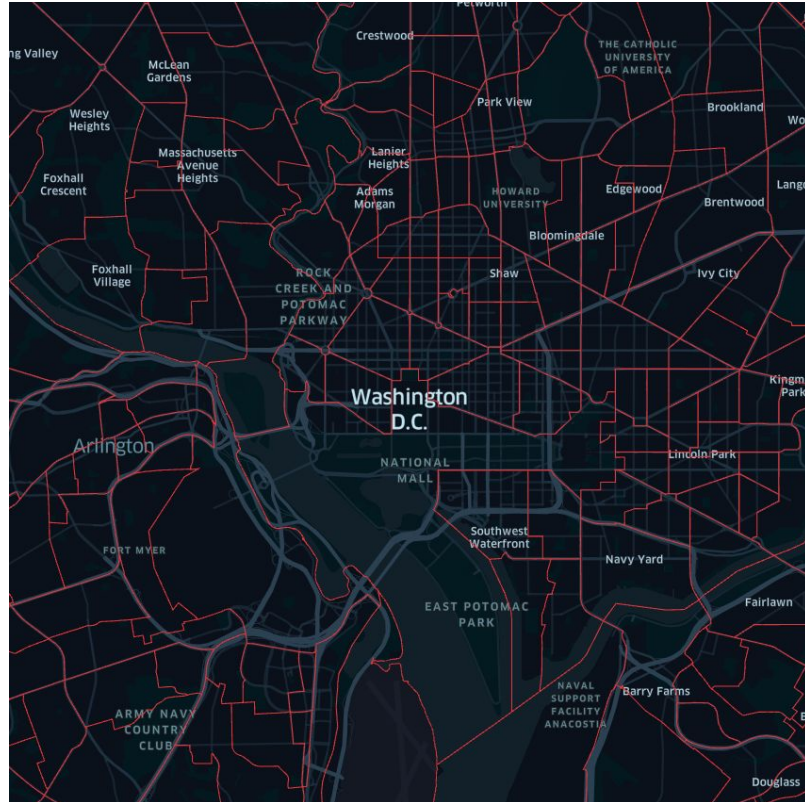
Limitations

- Processing Power
- Data Granularity

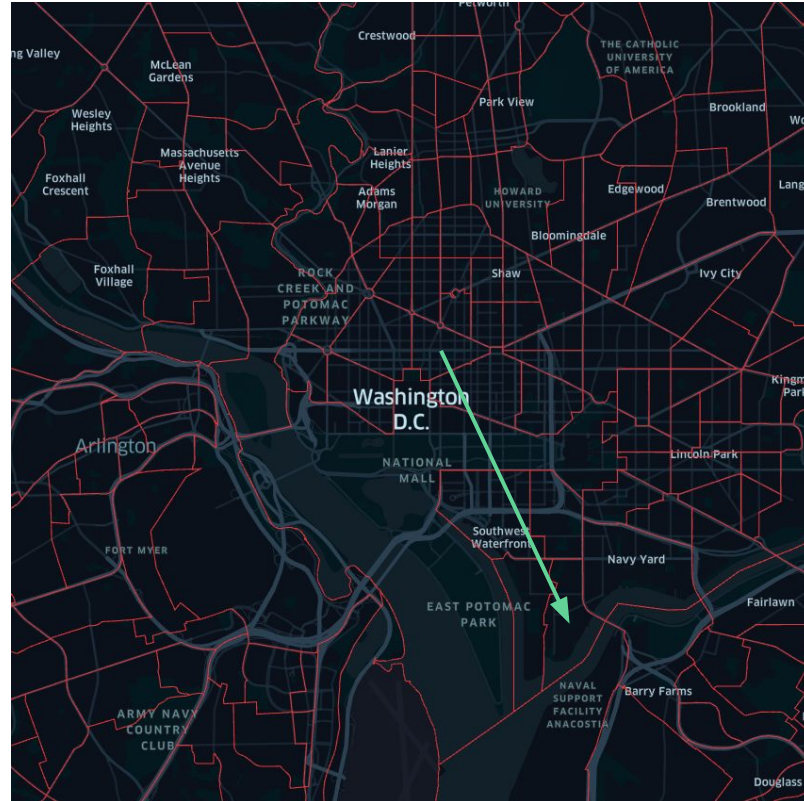
Exploring the Data



Exploring the Data

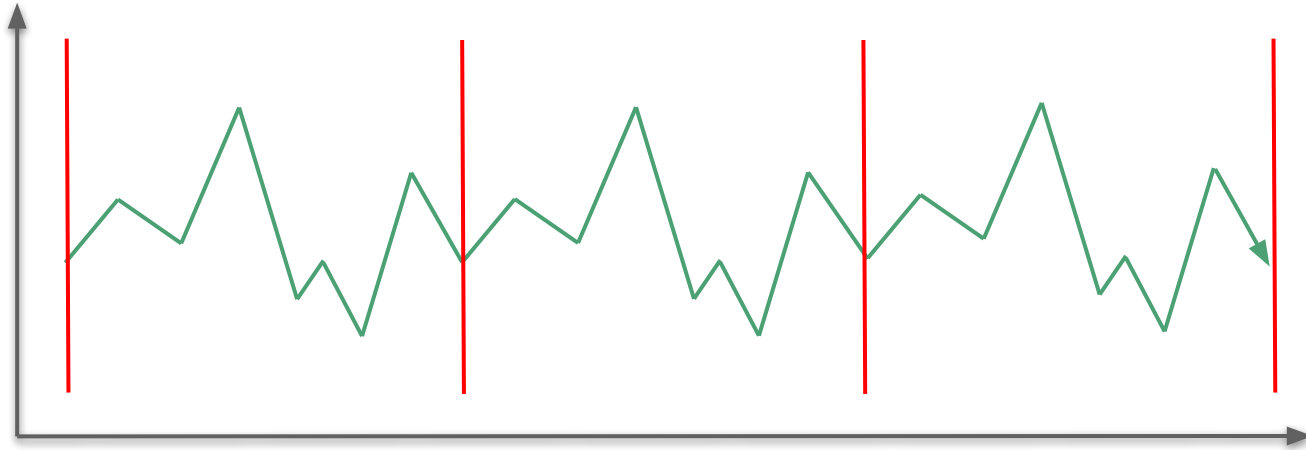


Exploring the Data

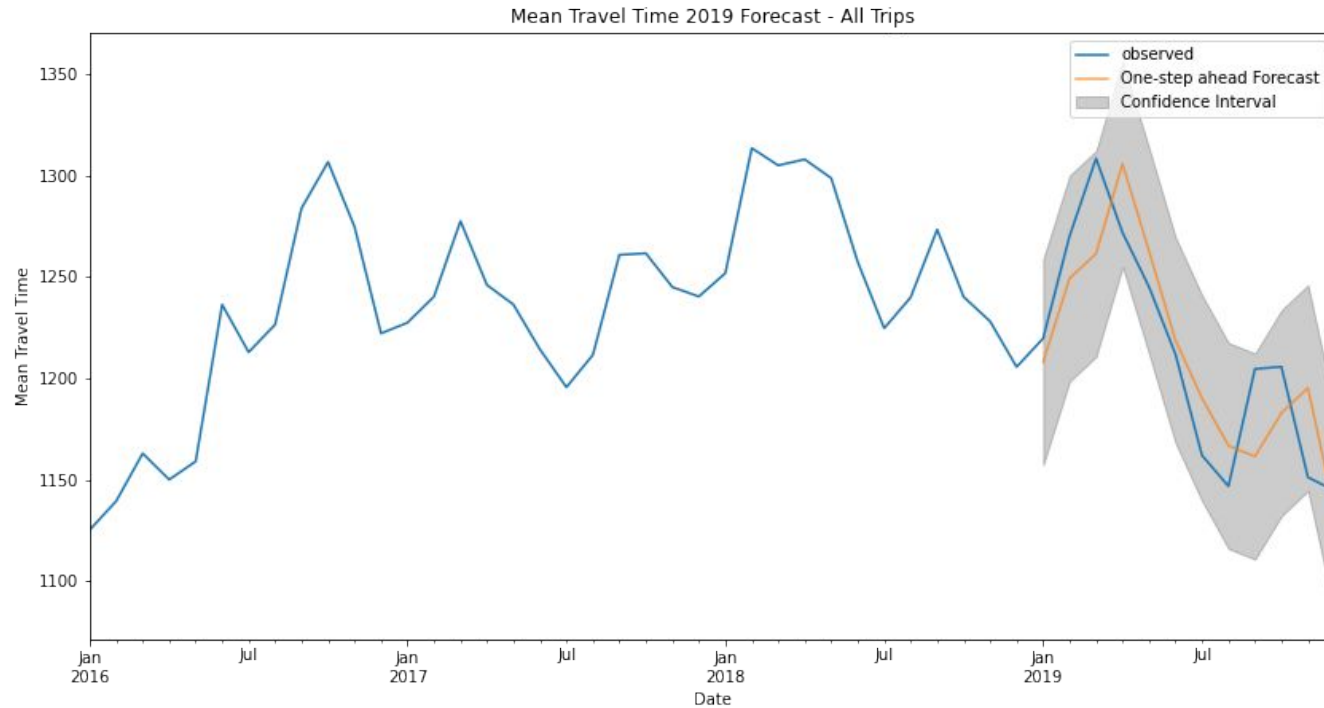


Modeling

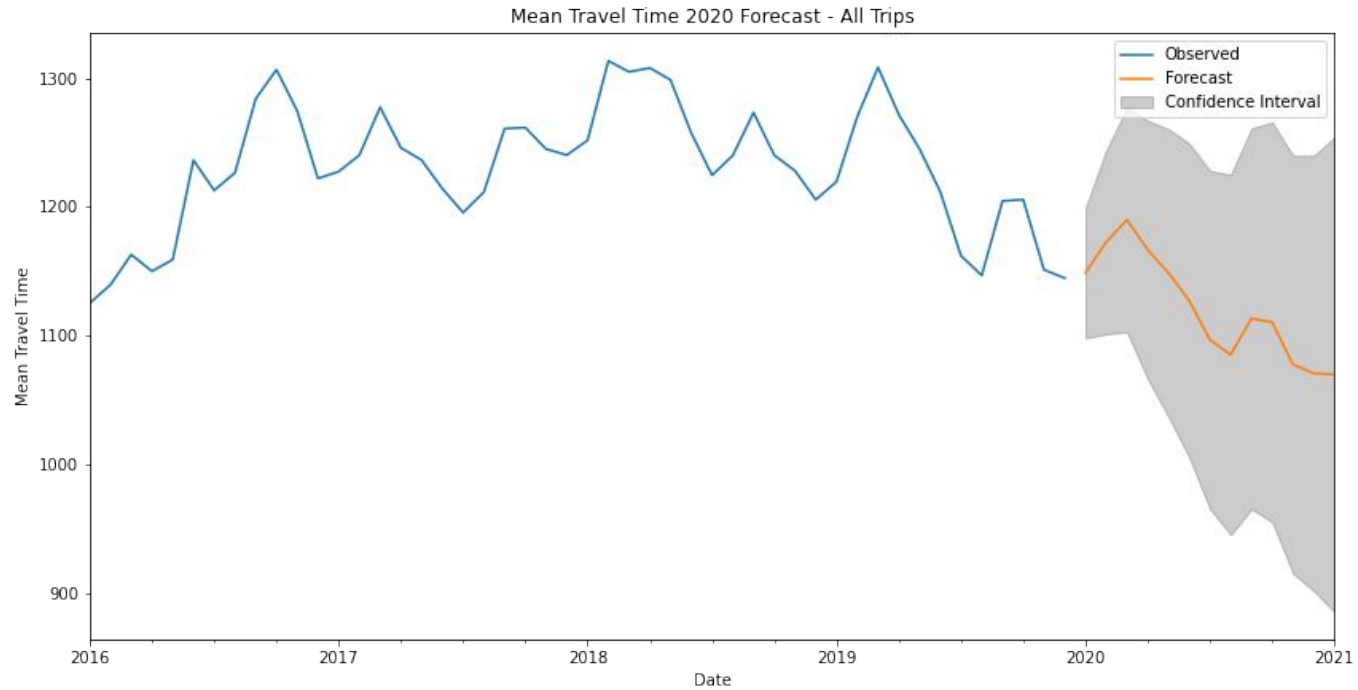
SARIMA
Seasonal AutoRegressive Integrated Moving Average



Performance



Predictions



Recommendations/Next Steps

- Project Integration
- Road Construction
- Wider Implementation
- Improve Modeling

Contact Information

Bobby Williams



- www.linkedin.com/in/bobby-williams-bjw



- <https://github.com/bobbyiestofjos>