

An aerial photograph of New York City at dusk. The city is illuminated with warm lights, and the sky is a deep blue with some clouds. Central Park is visible in the middle ground, and a large construction crane is on the left side of the image.

# Predicting Daily Electricity Consumption based on Meteorological and Economic Data in New York State

Group 12 - Data Science Fundamentals Project

December 4<sup>th</sup>, 2019

# Agenda



- **Introduction**
- Which data did we use?
  - Weather - Data
  - Other Parameters
  - Data Handling
- **Models Overview**
  - OLS
  - Lasso
  - Random Forests
  - Boosting
  - Neural Network
  - Neural Fuzzy Networks
- Comparison of the Findings
- Challenges that we encountered
- Summary