# Final Report

### Project Description

The goal of this project is to analyze BU's building energy usage intensity (EUI) and discover relationships between driving factors to help the University achieve its goal of becoming carbon neutral by 2040. Ideally, the analysis would help inform decisions made by sustainability@BU, the Climate Action Plan and the buildings team of Carbon Free Boston.

The main question we are trying to answer is

The methods we used includes but not all are data scraping, classification, linear regression, Probability and statistics.

Up to now, we integrated two data sets - Building Energy Reporting and Disclosure Ordinance of Boston(BERDO) 2015-2017, and Property Assessment of Boston 2015-2017; analyzed how (much) property type/year built/temperature affect EUI; made some effort on predicting EUI of a building with given information.

Most of the results shows what we were expecting, although part of them won’t give much interesting conclusion.

methods using and

results obtained so far