

Objective: Apply neural network regarding image recognition to Boston real estate market.!

get data - Boston real estate data from sta"!

get collaborators - Matt Lopes, Adam Shapiro, and Fred Im to apply use cases and testing during application design and build.!

Project Plan

Machine Learning (2 weeks):!

a) Investigate and apply CNN including components relating to ReLU layer, pooling, flattening, and soft-max/cross-entropy.!

b) Build and Train the Model with Features!

c) Save and Load the Trained Model!

User Application (6 days):!

a) Design and build application in Flask!

b) Database in PostgreSQL!

c) Test Application for web errors (i.e. 404)!

Visualization (4 days):!

a) Visualize results from CNN!

Tasks!