Capstone 2: Project Proposal

Category: Real Estate

Problem Statement

How can we automate the identification of profitable investment properties for both flipping and renting?

Need a way to scan pictures of listings to focus on “old” properties or ones in bad shape. This can be done through training the model with examples of these types of pictures. Then there needs to be filters for certain parameters such as min/max number of bedrooms and bathrooms. We should also work in a geofence to only target certain areas. This would be for Chicagoland

Other stuff:

Kaggle competition on predicting housing prices

Tricky to train data set with mixing pictures and text

See if there’s a readymade dataset with the pictures

Use selenium web driver to mimic a person using a website

Websites have hidden data they driven

Convolution Neural Networks – brief on that next week. For dataset with images

Deep Learning