

# Battle of Neighborhoods

Finding Relationships Between Similar Clusters of  
Neighborhoods and Housing Prices

## Introduction

Having one's own home is probably the desire of every individual on this planet. However, buying a house is not an easy feat and one needs to put a lot of considerations before the deciding to buy one, the price of a house being the most important.

Housing prices can vary on a lot of aspects, such as the size of the house, the number of bedrooms or bathrooms, etc. Also, the neighborhood where the house is located can count heavily in determining the price of a house as well.

In this Capstone Project, we would try to understand what impact the locality has in determining the housing prices in King County, USA. We would use Foursquare APIs to fetch the local venues for neighborhoods and then cluster the neighborhoods based on few top localities for each neighborhood and then try to understand if there is any correlation between these clusters and housing prices.