Coursera Capstone Project

The Battle of Neighborhoods: Unated States
Problem Definition

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1. Introduction

The United States today are not only one of the cultural and economic centers of the world, but also a major scientific and technological center. This in turn leads to a constant growth and development of the cities, and also to an increasing demand on housing. Accordingly, not only the cost, place and availability of public transport, but also access to public places such as shops and kindergartens are becoming the criteria for choosing the place to live.

Customers, making a decision on the acquisition of real estate in different parts of the USA, are guided today by a combination of factors, the analysing of which is not possible without the use of machine learning due to extremely large amounts of data. New technologies come to the help to analyze large amounts of data, as well as present the results in a form convenient for buyers.

The goal of this project is to develop a machine learning algorithm that will simplify the search for real estate for purchase.

As an example the city of Seattle is shown, as the list of the postal codes of Seattle is easier to work with, downloaded from the government web-site.

2. Intended users

Real estate agents, that need the tools to analyse properties of housing and customers demands to develop the best offer of the property in the UK.

2. Stakeholders

Government of the USA, Real estate agents, Clients