**Analysing the Neighbourhoods of Newyork and Toronto**

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**Introduction**

**Background**

Central London is the most famous and expensive place to own a property or start a business. Upcoming businessmen always want to own a business / shop at a place where they earn most profit based on the locality and nearby businesses.

**Problem**

Data includes location data of various post codes of central London. This project aims to predict the location appropriate for starting a new business or owning a property in central London.

**Interest**

The beneficiary is the group of people who intend to own a business or property in central London.

**Data acquisition and cleaning**

**Data sources**

Location data has been retrieved from various websites which provide geographical coordinates related data based on the post codes in central London. Central London is divided into 2 parts east and west. Eastern central London has 3 post codes EC1, EC2 and EC3. On the other hand, Western central London has 2 post codes WC1 and WC2. Apart from this, foursquare API has been used to find out the other venues in a particular post codes.

**Data cleaning**

Geographical coordinates related data was stored in a python dictionary and then transformed into a panda dataframe.

**Feature selection**

After data cleaning, there were 430 samples and 123 features in the data.