

# **Coursera Capstone**

**Capstone Project - The Battle of Neighborhoods**

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## 1. Data Section

Following sources of data are used while executing the Capstone Project: -

- **Data title: -**

Data published by property dealer website 99acres.com was used.

**Type of data: -**

Data in table from the website was scrapped and stored in csv format.

**Duration: -**

year 2018-2019 data

**Description of the dataset: -**

Price Paid Data includes information on all property prices for various types of flats, houses and lands available in Delhi for sell or rent.

The dataset includes the rental price for 1,2,3 bhk flats respectively as well as price per sq. yard for available for sell apartments.

**Source: -**

<https://www.99acres.com/property-rates-and-price-trends-in-delhi-ncr>

- **Data title: -**

Google Maps Geocoding API

**Type of data: -**

JSON

**Duration: -**

N/A

**Description of the data: -**

Location coordinates obtained by Gmaps API calls.

Location Information obtained from Price Paid Dataset is used to obtain the location coordinates from Google Maps.

A separate Python script has been developed to extract the unique street names, district names from the Price Paid Dataset and embed those in the GMaps API calls to obtain the required information.

**Source: -**

Google Cloud Platform/ Google Maps

- **Data title: -**

Foursquare location data

**Type of data: -**  
JSON

**Duration: -**  
N/A

**Description of the data: -**  
Location coordinates obtained by Foursquare API calls.

To determine the proximity of various amenities as per the client's requirement, Foursquare location data is used.

**Source: -**  
<https://foursquare.com/>