	laca cation and	anna libraria							
In [13]:		essary libraries							
	<pre>import pandas as pd import numpy as np import seaborn as sns import matplotlib.pyplot as plt</pre>								
In [14]:	<pre>#Reading CSV File which was saved earlier and gathered data using API calls. df=pd.read_csv("datawithPrices.csv") pd.set_option('display.max_columns', None) df.head(10)</pre>								
Out[14]:	Unnamed: 0	Place Name	Category	PostalCode	Borough	Neighborhood	Latitude	Longitude	HousingPrice
	<b>0</b> 2	Elgin & Winter Garden Theatre Ctr	Music Venue	M5B	Downtown Toronto	Garden District, Ryerson	43.657162	-79.378937	2200
	<b>1</b> 11	Carville Mill Park	Park	M5B	Downtown Toronto	Garden District, Ryerson	43.657162	-79.378937	2200
	<b>2</b> 23	Hina's Beauty Care	Hair Salon	M5B	Downtown Toronto	Garden District, Ryerson	43.657162	-79.378937	2200
	<b>3</b> 34	Richmond Station	American Restaurant	M5H	Downtown Toronto	Richmond, Adelaide, King	43.650571	-79.384568	2200
	<b>4</b> 44	Cactus Club Cafe	American Restaurant	M5H	Downtown Toronto	Richmond, Adelaide, King	43.650571	-79.384568	2200
	<b>5</b> 46	Markham Corners	Shopping Mall	M5H	Downtown Toronto	Richmond, Adelaide, King	43.650571	-79.384568	2200
	<b>6</b> 54	Cherry beach sports fields	Soccer Field	M5H	Downtown Toronto	Richmond, Adelaide, King	43.650571	-79.384568	2200
	<b>7</b> 63	Metro Grill	Fast Food Restaurant	М5Н	Downtown Toronto	Richmond, Adelaide, King	43.650571	-79.384568	2200
	<b>8</b> 82	Тоса	Bar	M5V	Downtown Toronto	CN Tower, King and Spadina, Railway Lands, Har	43.628947	-79.394420	2200
	<b>9</b> 87	Akira Back Toronto	Japanese Restaurant	M5V	Downtown Toronto	CN Tower, King and Spadina, Railway Lands, Har	43.628947	-79.394420	2200
In [15]:	df.shape								
Out[15]:	(1242, 9)								
In [16]:	df.info()								
	<pre><class 'pandas.core.frame.dataframe'=""> RangeIndex: 1242 entries, 0 to 1241 Data columns (total 9 columns): # Column</class></pre>								
In [17]:	df.Categor	ry.value_counts()							
	Restaurant Park Café Bakery Diner  Laser Tag C Aquarium Pest Contro Karaoke Bar Dumpling Re Name: Categ	53 52 50 44 39  Center 1 1 ol Service 1	, dtype: int	<b>:</b> 64					
In [18]:	df.isnull(	).sum()							
Out[18]:	Unnamed: 0 Place Name Category PostalCode Borough Neighborhoo Latitude Longitude HousingPrice dtype: inte	0 0 ce 0							
In [19]:	<pre>columns=[ ) for row in</pre>	<pre>ues = pd.DataFram 'Unique Values']  list(df.columns lues.loc[row] =</pre>	.values):	nique()]					
Out[19]:		Unique Values							
	Unnamed: 0 Place Name								
	Category PostalCode								
	Borough								
	Neighborhood Latitude								
	Longitude								
	<b>HousingPrice</b> No missing da	ta in the dataset.							
In [20]:	-	ta = pd.DataFrame	⊖ (						
	<pre>columns=[ ) missing_da</pre>	'Missing Values'							
Out[20]:		Missing Values							
	Unnamed: 0	0							
	Place Name Category								
	PostalCode Borough								
	Neighborhood	0							
	Latitude Longitude								
In [21]:	df.dtypes	<pre>s = pd.DataFrame( 'Data Type']</pre>							
Out[21]:	_ 11	Data Type							
	Unnamed: 0	int64							
	Place Name Category	,							
	PostalCode Borough	,							
	Neighborhood	l object							
	Latitude Longitude								
	HousingPrice								
In [22]:		<pre>Report  = data_types.join</pre>	n(missing_da	ata).join(	unique_val	ues)			
Out[22]:	dq_report	Data Type Missing			_				
	Unnamed: 0		0	1242					
	Place Name Category		0	1242 274					
	PostalCode Borough		0	101 13					
	Neighborhood	l object	0	101					
	Latitude Longitude		0	101 73					
	HousingPrice		0	13					
		ne data - Overall data				columns and no missing or earning models.	null values	in the datas	set. Target