

Capstone Project - The Battle of Neighbourhoods

April 10, 2021

1 Capstone Project — The Battle of Neighbourhoods

1.0.1 Introduction

New Delhi is the capital city of India. It is a part of the city of Delhi's 11 districts. The city itself has a population of 257,803. However, the much larger metro area has a population that exceeds 26 million.

New Delhi are used interchangeably to refer to the National Capital Territory of Delhi (NCT), these are two distinct entities, with New Delhi forming a small part of Delhi. The National Capital Region is a much larger entity comprising the entire NCT along with adjoining districts in neighboring states.

<p>The official language of New Delhi and the one that is most widely spoken is Hindi. However Over last decades it is continuously grow because of the city's important role in government an

With it's diverse culture , comes diverse food items. There are many restaurants in New Delhi City, each belonging to different categories like Chinese , Italian , French etc.

So as part of this project , we will list and visualise all major parts of New Delhi City .

Questions that can be asked using the above mentioned datasets - What is best location in New Delhi City for Chinese Cuisine ? - Which areas have large number of Chinese Restaurant Market ? - Which all areas have less number of restaurant ? - Which is the best place to stay if I prefer Chinese Cuisine ? - What places are have best restaurant in New Delhi?

1.0.2 Data

For this project we need the following data :

New Delhi Restaurants data that contains list Locality, Restaurant name, Rating along with their latitude and longitude.

Data source : Zom

Description : This data set contains the required information. And we will use this data set to explore various locality of new delhi city.

Nearby places in each locality of new delhi city.

Data source : Fousquare API

 Description : By using this api we will get all the venues in each neighborhood.

1.0.3 Approach

- Collect the new delhi city data from Zomato kaggle dataset
- Using FourSquare API we will find all venues for each neighborhood.
- Filter out all venues that are nearby by locality.
- Using aggregative rating for each restaurant to find the best places.
- Visualize the Ranking of neighborhoods using folium library(python)

```
In [2]: import pandas as pd
import numpy as np
import requests # library to handle requests
from pandas.io.json import json_normalize # transform JSON file into a pandas dataframe
# Matplotlib and associated plotting modules
import matplotlib.cm as cm
import matplotlib.colors as colors
# import k-means from clustering stage
from sklearn.cluster import KMeans

!conda install -c conda-forge folium=0.5.0 --yes # uncomment this line if you haven't
import folium # map rendering library
! pip install geocoder
import geocoder
```

Collecting package metadata (repodata.json): done
Solving environment: done

All requested packages already installed.

Requirement already satisfied: geocoder in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: requests in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: future in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: ratelim in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: click in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: six in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: chardet<3.1.0,>=3.0.2 in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: certifi>=2017.4.17 in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: idna<2.9,>=2.5 in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: urllib3<1.25,>=1.21.1 in /home/zettadevs/anaconda3/lib/python3.7/site-packages
Requirement already satisfied: decorator in /home/zettadevs/anaconda3/lib/python3.7/site-packages

1.1 Read the zomato restaurant data from csv file

```
In [18]: df = pd.read_csv('zomato.csv',encoding='ISO-8859-1')
df_india = df[df['Country Code'] == 1]
## New Delhi
df_NDLS = df_india[df_india['City'] == 'New Delhi']
```

```
df_NDLS.reset_index(drop=True, inplace=True)
df_NDLS.head()
```

```
Out[18]:
```

	Restaurant ID	Restaurant Name	Country Code	City	\
0	18287358	Food Cloud	1	New Delhi	
1	18216944	Burger.in	1	New Delhi	
2	313333	Days of the Raj	1	New Delhi	
3	18384127	Dilli Ka Dhaba	1	New Delhi	
4	582	Govardhan	1	New Delhi	

	Address	Locality	\
0	Aaya Nagar, New Delhi	Aaya Nagar	
1	84, Near Honda Showroom, Adchini, New Delhi	Adchini	
2	81/3, 1st Floor, Qutub Residency, Adchini, New...	Adchini	
3	66 A, Ground Floor, Sri Aurobindo Marg, Adchin...	Adchini	
4	84, Adjacent Hero Motor Bike Showroom, Main Me...	Adchini	

	Locality	Verbose	Longitude	Latitude	\
0	Aaya Nagar, New Delhi		0.000000	0.000000	
1	Adchini, New Delhi		77.196923	28.535382	
2	Adchini, New Delhi		77.197475	28.535493	
3	Adchini, New Delhi		77.198033	28.537547	
4	Adchini, New Delhi		77.196924	28.535523	

	Cuisines	...	Currency	\
0	Cuisine Varies	...	Indian Rupees(Rs.)	
1	Fast Food	...	Indian Rupees(Rs.)	
2	North Indian, Seafood, Continental	...	Indian Rupees(Rs.)	
3	South Indian, North Indian	...	Indian Rupees(Rs.)	
4	South Indian, North Indian, Chinese	...	Indian Rupees(Rs.)	

	Has Table booking	Has Online delivery	Is delivering now	\
0	No	No	No	
1	No	Yes	No	
2	Yes	Yes	No	
3	No	No	No	
4	No	Yes	No	

	Switch to order menu	Price range	Aggregate rating	Rating	color	\
0	No	2	0.0		White	
1	No	1	3.2		Orange	
2	No	3	3.4		Orange	
3	No	2	2.6		Orange	
4	No	2	3.4		Orange	

	Rating text	Votes
0	Not rated	2
1	Average	46

```

2    Average    45
3    Average    11
4    Average   238

```

[5 rows x 21 columns]

1.2 Data Cleaning

remove the unwanted columns and rows from dataset

```
In [32]: df_Res= df_NDLS[df_NDLS.Longitude !=0.000000][['Restaurant Name','Locality','Longitud
```

```
In [344]: df_Res = df_Res[df_Res['Aggregate rating'] !=0.0]
```

```
In [358]: df_Res.head()
```

```
Out[358]:
```

	Restaurant Name	Locality	Longitude	Latitude	\
1	Burger.in	Adchini	77.196923	28.535382	
2	Days of the Raj	Adchini	77.197475	28.535493	
3	Dilli Ka Dhaba	Adchini	77.198033	28.537547	
4	Govardhan	Adchini	77.196924	28.535523	
5	Mezbaan Grills	Adchini	77.198122	28.538134	

	Cuisines	Aggregate rating	Rating text	Votes	\
1	Fast Food	3.2	Average	46	
2	North Indian, Seafood, Continental	3.4	Average	45	
3	South Indian, North Indian	2.6	Average	11	
4	South Indian, North Indian, Chinese	3.4	Average	238	
5	Mughlai	3.1	Average	8	

	Cluster
1	0
2	0
3	0
4	0
5	0

1.2.1 created map to show the restaurant cluters

```
In [346]: New_Delhi_Rest = folium.Map(location=[28.52, 77.25], zoom_start=12)
```

```

X = df_Res['Latitude']
Y = df_Res['Longitude']
Z = np.stack((X, Y), axis=1)

kmeans = KMeans(n_clusters=5, random_state=0).fit(Z)

clusters = kmeans.labels_
colors = ['red', 'green', 'blue', 'yellow', 'orange']

```

```
df_Res ['Cluster'] = clusters
```

```
for latitude, longitude, Locality, cluster in zip(df_Res['Latitude'], df_Res['Longitude'], df_Res['Locality'], df_Res['Cluster']):
    label = folium.Popup(Locality, parse_html=True)
    folium.CircleMarker(
        [latitude, longitude],
        radius=5,
        popup=label,
        color='black',
        fill=True,
        fill_color=colors[cluster],
        fill_opacity=0.7).add_to(New_Delhi_Rest)
```

New_Delhi_Rest

/home/zettadevs/anaconda3/lib/python3.7/site-packages/ipykernel_launcher.py:11: SettingWithCopyWarning: A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: <http://pandas.pydata.org/pandas-docs/stable/indexing.html>
This is added back by InteractiveShellApp.init_path()

Out[346]: <folium.folium.Map at 0x7f0ed56960f0>

In [461]: df_Res.head()

Out[461]:

	Restaurant Name	Locality	Longitude	Latitude	\
1	Burger.in	Adchini	77.196923	28.535382	
2	Days of the Raj	Adchini	77.197475	28.535493	
3	Dilli Ka Dhaba	Adchini	77.198033	28.537547	
4	Govardhan	Adchini	77.196924	28.535523	
5	Mezbaan Grills	Adchini	77.198122	28.538134	

	Cuisines	Aggregate rating	Rating text	Votes	\
1	Fast Food	3.2	Average	46	
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3	South Indian, North Indian	2.6	Average	11	
4	South Indian, North Indian, Chinese	3.4	Average	238	
5	Mughlai	3.1	Average	8	

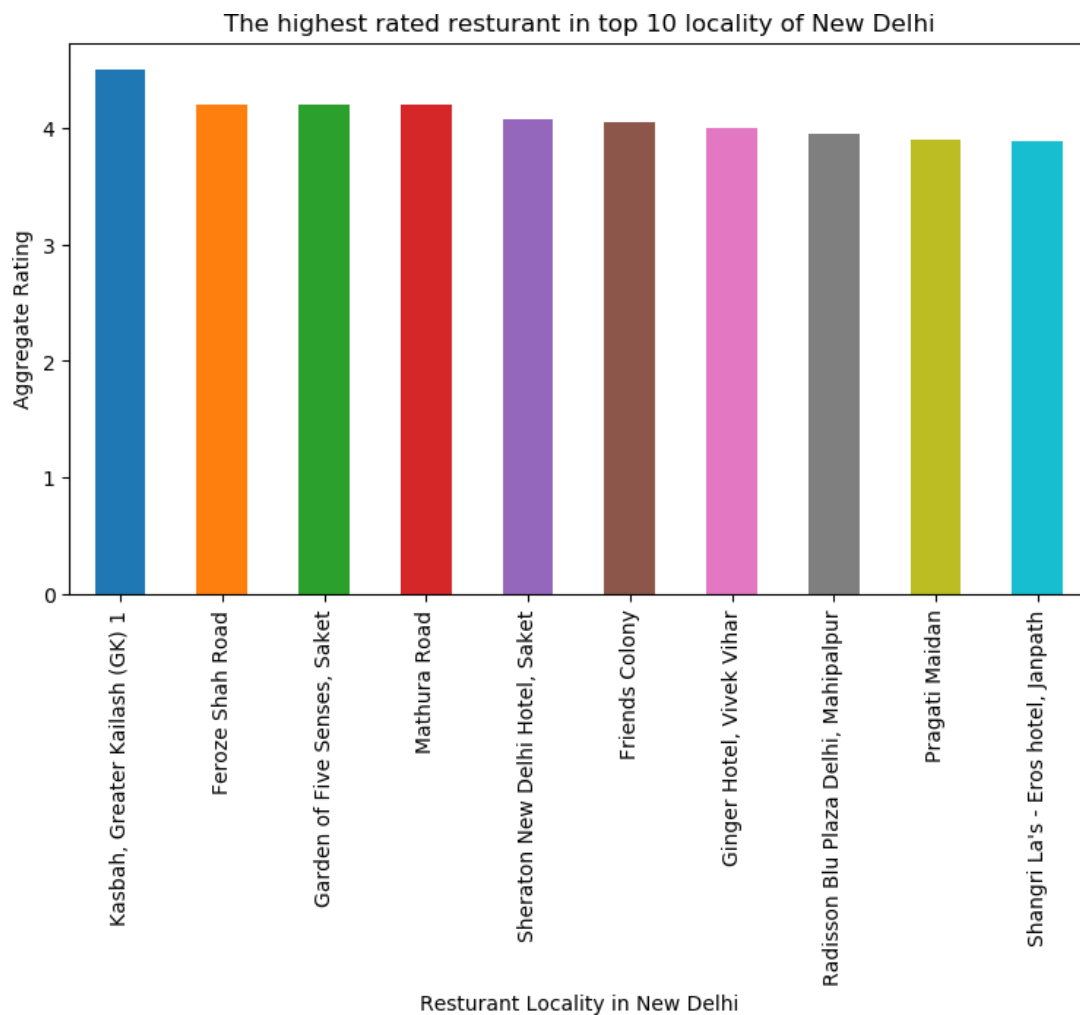
	Cluster
1	0
2	0
3	0
4	0
5	0

1.3 What places are have best restaurant in New Delhi?

```
In [575]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The highest rated resturant in top 10 locality of New Delhi')
#On x-axis

#giving a bar plot
df_Res.groupby('Locality')['Aggregate rating'].mean().nlargest(10).plot(kind='bar')

plt.xlabel('Resturant Locality in New Delhi')
#On y-axis
plt.ylabel('Aggregate Rating')
#displays the plot
plt.show()
```



The best restarants are available in Kesbah, Greater Kailash area.

1.4 what places are have worst restaurants in New Delhi?

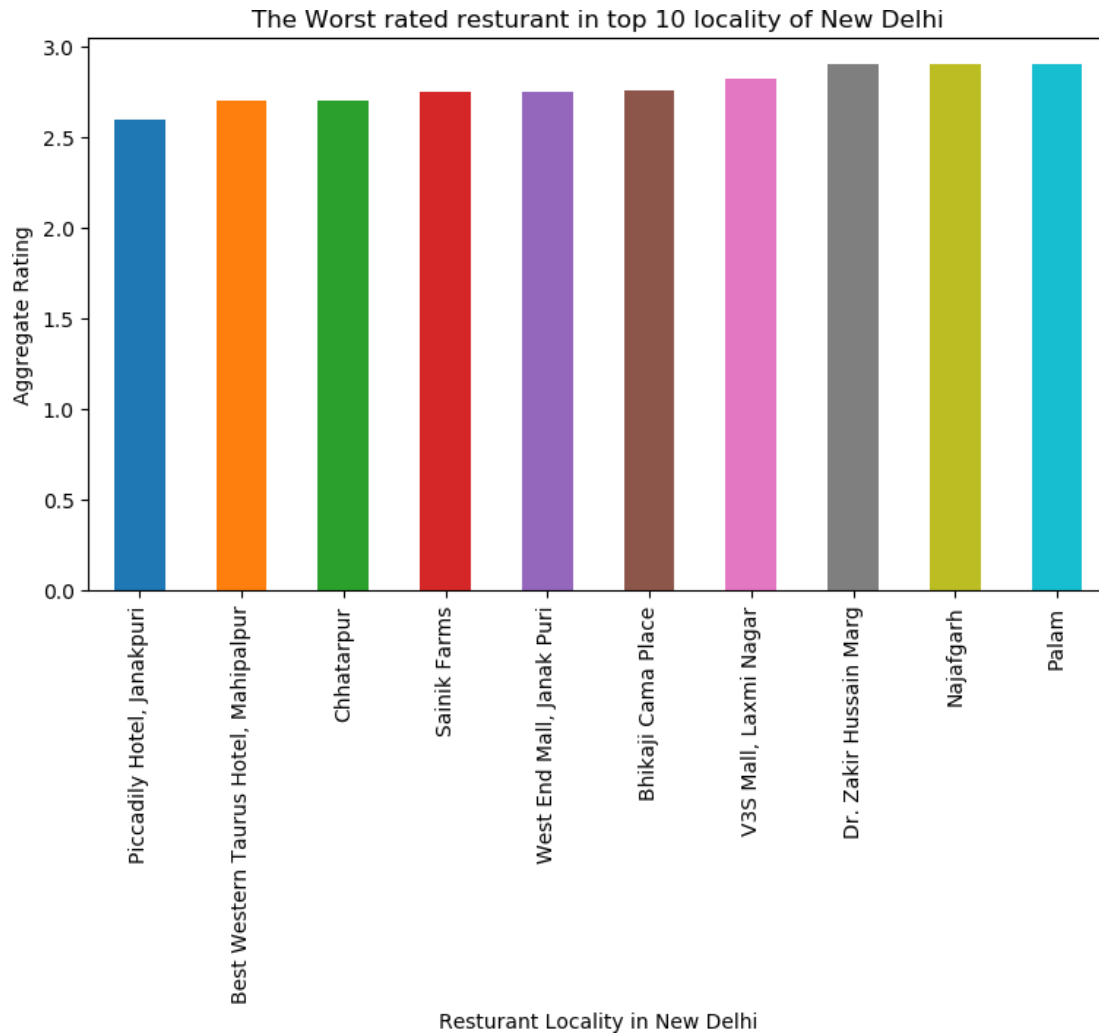
```
In [576]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The Worst rated resturant in top 10 locality of New Delhi')
#On x-axis

#giving a bar plot

df_Res.groupby('Locality')['Aggregate rating'].mean().nsmallest(10).plot(kind='bar')

plt.xlabel('Resturant Locality in New Delhi')
#On y-axis
plt.ylabel('Aggregate Rating')

#displays the plot
plt.show()
```



The worst restarants are available in Piccadily Hotel, Janakpuri.

1.5 Which place are suitable for edible person in New Delhi city?

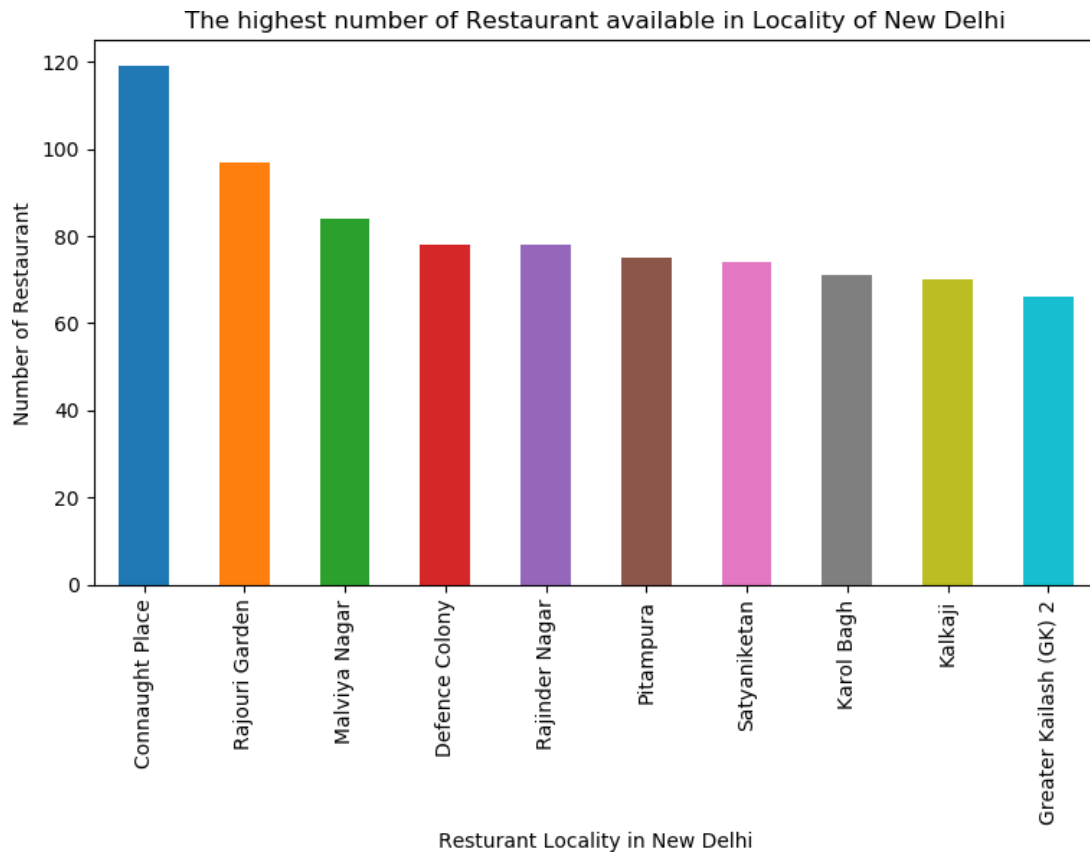
```
In [577]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The highest number of Restaurant available in Locality of New Delhi')
#On x-axis

#giving a bar plot
df_Res.groupby('Locality')['Restaurant Name'].count().nlargest(10).plot(kind='bar')

plt.xlabel('Resturant Locality in New Delhi')
#On y-axis
plt.ylabel('Number of Restaurant')
```



```
#displays the plot
plt.show()
```



Connaught Place is the best places for edible person to stay there.

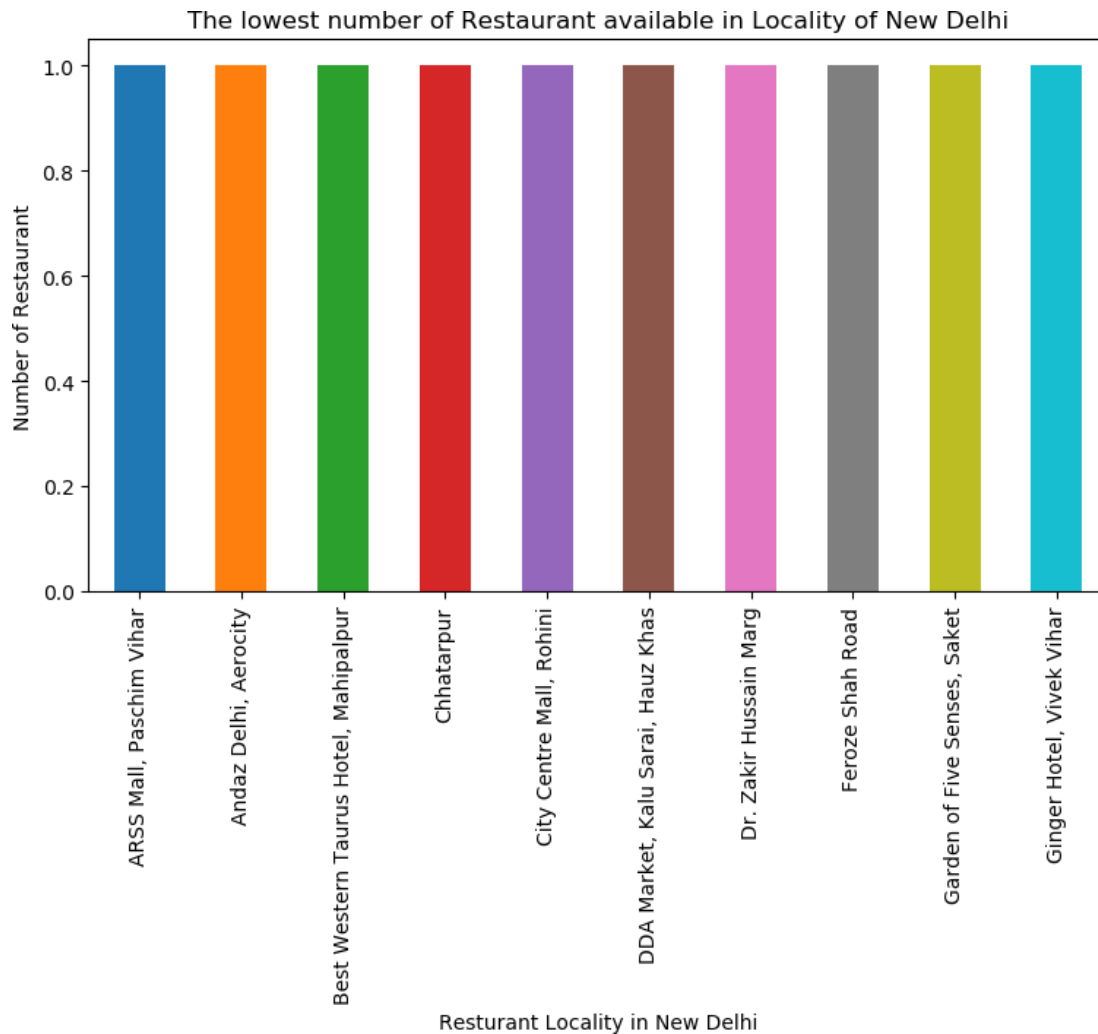
1.6 Which place are not suitable for edible person in New Delhi city?

```
In [579]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The lowest number of Restaurant available in Locality of New Delhi')
#On x-axis

#giving a bar plot
df_Res.groupby('Locality')['Restaurant Name'].count().nsmallest(10).plot(kind='bar')

plt.xlabel('Resturant Locality in New Delhi')
#On y-axis
plt.ylabel('Number of Restaurant')
```

```
#displays the plot
plt.show()
```



1.7 What are the best places for chinese restaurant in New Delhi city

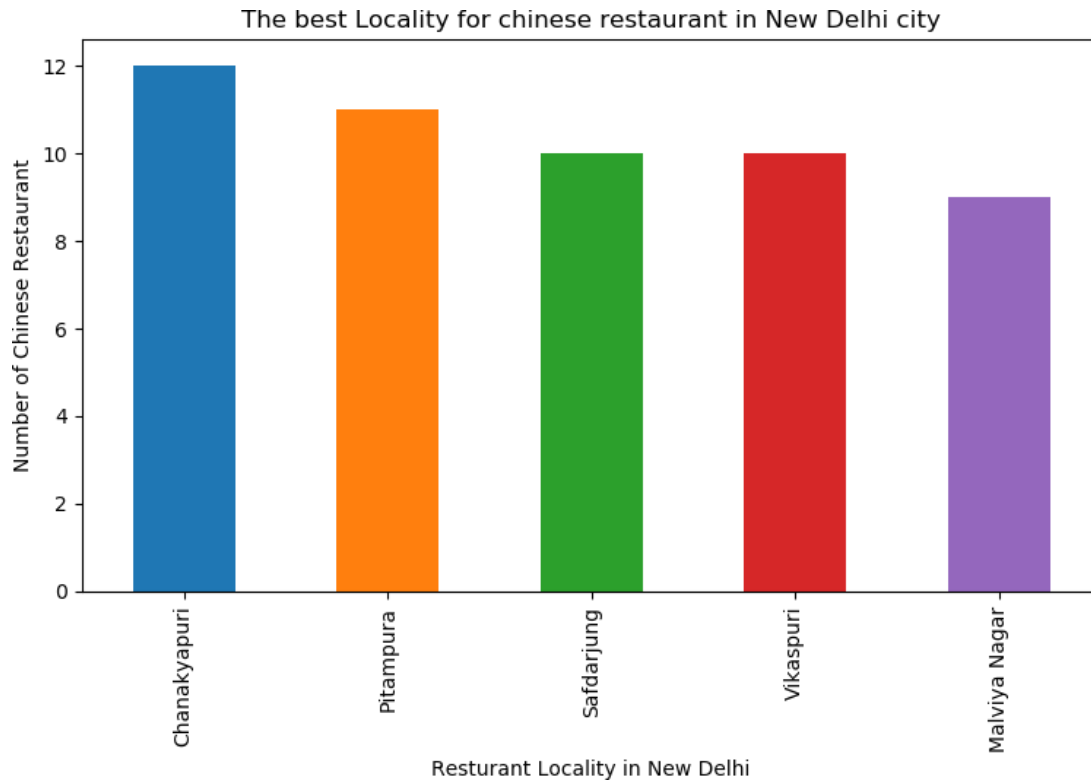
```
In [580]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The best Locality for chinese restaurant in New Delhi city')
#On x-axis

#giving a bar plot
df_Res[df_Res['Cuisines'].str.startswith('Chinese')].groupby('Locality')['Restaurant']

plt.xlabel('Resturant Locality in New Delhi')
```

```
#On y-axis
plt.ylabel('Number of Chinese Restaurant')

#displays the plot
plt.show()
```



Chanakyapuri is the best place for Chinese restaurant.

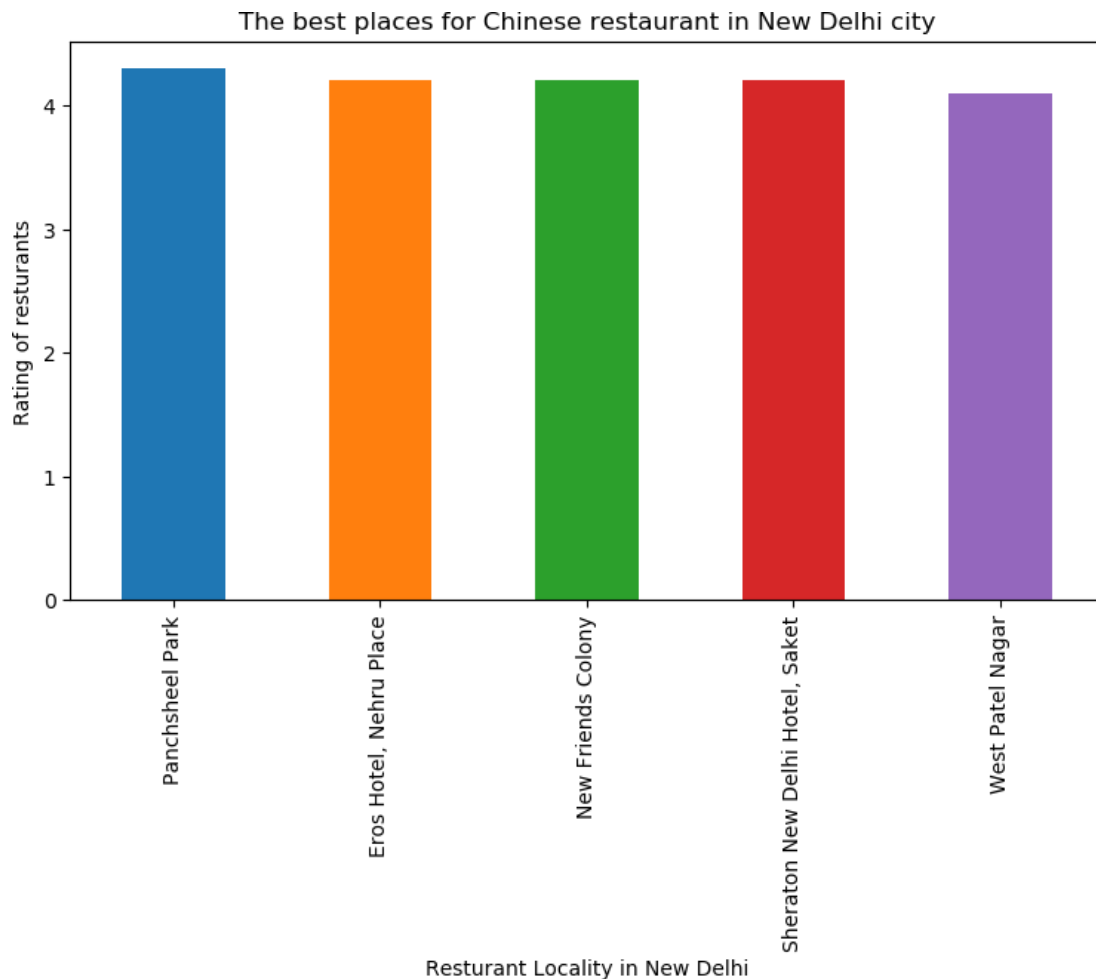
1.8 which places are the best chinese resturants in New Delhi?

```
In [584]: import matplotlib.pyplot as plt
plt.figure(figsize=(9,5), dpi = 100)
# title
plt.title('The best places for Chinese restaurant in New Delhi city')
#On x-axis

#giving a bar plot
df_Res[df_Res['Cuisines'].str.startswith('Chinese')].groupby('Locality')['Aggregate']

plt.xlabel('Resturant Locality in New Delhi')
#On y-axis
plt.ylabel('Rating of resturants')
```

```
#displays the plot
plt.show()
```



Panchsheel park is best Chinese resturants.

1.8.1 Data transformation

Based on Locality grouping the data

```
In [467]: df_Res_Loc = df_Res.groupby('Locality').count()['Restaurant Name'].to_frame()
df_Res_rating= df_Res.groupby('Locality')['Aggregate rating'].mean().to_frame()
d_Cuisines = df_Res.groupby(['Locality'])['Cuisines'].agg(', '.join).reset_index()
d_R = df_Res.groupby(['Locality'])['Rating text'].unique().agg(', '.join).reset_index()
d_V = df_Res.groupby(['Locality'])['Votes'].sum().to_frame()
d_Lat = df_Res.groupby('Locality').mean()['Latitude'].to_frame()
d_Lng = df_Res.groupby('Locality').mean()['Longitude'].to_frame()
df_final = pd.merge(d_Lat,d_Lng,on='Locality').merge(df_Res_Loc, on='Locality').merge
```

```
In [468]: df_final = df_final[df_final['Aggregate rating'] != 0.000000]
df_final.columns = ['Locality', 'Lat', 'Lng', 'No_of_Restaurant', 'Cusines', 'Agg_Rating']
df_final.head()
```

```
Out[468]:
```

	Locality	Lat	Lng	No_of_Restaurant	\
0	ARSS Mall, Paschim Vihar	28.668945	77.101544	1	
1	Adchini	28.537063	77.197808	13	
2	Aditya Mega Mall, Karkardooma	28.656131	77.301266	4	
3	Aerocity	28.553077	77.104270	2	
4	Aggarwal City Mall, Pitampura	28.690020	77.134650	3	

	Cusines	Agg_Rating	\
0	North Indian, South Indian, Chinese, Mithai, F...	3.100000	
1	Fast Food, North Indian, Seafood, Continental,...	3.292308	
2	Finger Food, North Indian, Mughlai, Pizza, Fas...	3.275000	
3	Fast Food, Italian, Pizza, North Indian, Conti...	3.200000	
4	North Indian, Chinese, Street Food, Mithai, No...	3.033333	

	Comments	No_of_Votes
0	Average	117
1	Average, Good, Poor, Very Good	1560
2	Average, Good	434
3	Average	59
4	Average	126

```
In [469]: df_final.shape
```

```
Out[469]: (240, 8)
```

1.9 Define Foursquare Credentials and Version

```
In [593]: ## Define Foursquare Credentials and Version
CLIENT_ID = 'ClientId' # Foursquare ID
CLIENT_SECRET = 'SecretID' # Foursquare Secret
VERSION = '20180605' # Foursquare API version

print('Your credentials:')
print('CLIENT_ID: ' + 'XXXXXXXXXXXXXXXXXXXXX')
print('CLIENT_SECRET: ' + 'XXXXXXXXXXXXXXXXXXXXX')
```

Your credentials:

```
CLIENT_ID: XXXXXXXXXXXXXXXXXXXXXXXX
CLIENT_SECRET: XXXXXXXXXXXXXXXXXXXXXXXX
```

1.10 create a function to repeat the same process to all the Locality in New Delhi

```
In [484]: ## create a function to repeat the same process to all the Locality in New Delhi
```

```

def getNearbyVenues(names, latitudes, longitudes, radius=500,LIMIT = 100):

    venues_list=[]
    for name, lat, lng in zip(names, latitudes, longitudes):
        print(name)

        # create the API request URL
        url = 'https://api.foursquare.com/v2/venues/explore?&client_id={}&client_sec
            CLIENT_ID,
            CLIENT_SECRET,
            VERSION,
            lat,
            lng,
            radius,
            LIMIT)

        # make the GET request
        results = requests.get(url).json()["response"]["groups"][0]["items"]

        # return only relevant information for each nearby venue
        venues_list.append([(
            name,
            lat,
            lng,
            v['venue']['name'],
            v['venue']['location']['lat'],
            v['venue']['location']['lng'],
            v['venue']['categories'][0]['name']) for v in results])

    nearby_venues = pd.DataFrame([item for venue_list in venues_list for item in ven
    nearby_venues.columns = ['Locality',
        'Locality Latitude',
        'Locality Longitude',
        'Venue',
        'Venue Latitude',
        'Venue Longitude',
        'Venue Category']

    return(nearby_venues)

```

1.11 find the venues in all New Delhi Locality

In [485]: *# find the venues in all New Delhi Locality*

```

new_Delhi_venues = getNearbyVenues(names=df_final['Locality'],
                                    latitudes=df_final['Lat'],
                                    longitudes=df_final['Lng']
                                    )

```

ARSS Mall, Paschim Vihar
Adchini
Aditya Mega Mall, Karkardooma
Aerocity
Aggarwal City Mall, Pitampura
Aggarwal City Plaza, Rohini
Alaknanda
Ambience Mall, Vasant Kunj
Anand Lok
Anand Vihar
Andaz Delhi, Aerocity
Ansal Plaza Mall, Khel Gaon Marg
Asaf Ali Road
Ashok Vihar Phase 1
Ashok Vihar Phase 2
Ashok Vihar Phase 3
Barakhamba Road
Basant Lok Market, Vasant Vihar
Bellagio, Ashok Vihar Phase 2
Best Western Taurus Hotel, Mahipalpur
Bhikaji Cama Place
Chanakyapuri
Chander Nagar
Chandni Chowk
Chawri Bazar
Chhatarpur
Chittaranjan Park
City Centre Mall, Rohini
City Square Mall, Rajouri Garden
Civil Lines
Community Centre, New Friends Colony
Connaught Place
Crescent Square Mall, Rohini
Cross River Mall, Karkardooma
Crowne Plaza Hotel, Rohini
Crowne Plaza, Mayur Vihar Phase 1
D Mall, Netaji Subhash Place
DDA Market, Kalu Sarai, Hauz Khas
DLF City Centre Mall, Shalimar Bagh
DLF Emporio Mall, Vasant Kunj
DLF Place Mall, Saket
DLF Promenade Mall, Vasant Kunj
DLF South Square, Sarojini Nagar
Daryaganj
Defence Colony
Delhi University-GTB Nagar
Dilli Haat, INA
Dilshad Garden

District Centre, Janakpuri
Dr. Zakir Hussain Marg
East Patel Nagar
East of Kailash
Epicuria Food Mall, Nehru Place
Eros Hotel, Nehru Place
Essex Farms
Feroze Shah Road
Friends Colony
GTB Nagar
Garden of Five Senses, Saket
Geeta Colony
Ginger Hotel, Vivek Vihar
Gourmet Hub, Pashim Vihar
Greater Kailash (GK) 1
Greater Kailash (GK) 2
Greater Kailash (GK) 3
Green Park
Gujranwala Town
Hauz Khas
Hauz Khas Village
Holiday Inn, Aerocity
Holiday Inn, Mayur Vihar
Hotel Broadway, Daryaganj
Hotel City Park, Pitampura
Hotel Regent Grand, Karol Bagh
Hotel The Royal Plaza, Janpath
Hyatt Regency, Bhikaji Cama Place
INA
IP Extension
ITC Maurya, Chanakyapuri
ITO
India Gate
JMD Kohinoor Mall, Greater Kailash
JNU
JW Marriott New Delhi
Jail Road
Jama Masjid
Janakpuri
Jangpura
Janpath
Jasola
Jaypee Siddharth, Rajendra Place
Jaypee Vasant Continental, Vasant Vihar
Jor Bagh
Kailash Colony
Kalkaji
Kamla Nagar

Kapashera
Karampura
Karkardooma
Karol Bagh
Kasbah, Greater Kailash (GK) 1
Kashmiri Gate
Khan Market
Kirti Nagar
Krishna Nagar
Lado Sarai
Lajpat Nagar 1
Lajpat Nagar 2
Lajpat Nagar 4
Lawrence Road
Laxmi Nagar
Le Meridien, Janpath
Lemon Tree Premier, Aerocity
Living Style Mall, Jasola
Lodhi Colony
Lodhi Road
MG Road
MGF Metropolitan Mall, Saket
MGM Club, Daryaganj
Mahipalpur
Maidens Hotel, Civil Lines
Majnu ka Tila
Malviya Nagar
Mandi House
Mathura Road
Mayapuri Phase 2
Mayur Vihar Phase 1
Mayur Vihar Phase 2
Mayur Vihar Phase 3
Mehrauli
Metro Walk Mall, Rohini
Model Town 1
Model Town 2
Model Town 3
Moments Mall, Kirti Nagar
Moti Bagh
Moti Nagar
Mukherjee Nagar
Munirka
Najafgarh
Naraina
Nehru Place
Netaji Subhash Place
New Friends Colony

Nizamuddin
Okhla Phase 1
Okhla Phase 2
PVR Anupam Complex
Pacific Mall, Tagore Garden
Paharganj
Palam
Palate of Delhi, Chanakyapuri
Panchsheel Park
Pandara Road Market
Pandav Nagar
Paschim Vihar
Patparganj
Piccadily Hotel, Janakpuri
Pitampura
Pragati Maidan
Prashant Vihar
Preet Vihar
Premier Inn, Shalimar Bagh
Pride Plaza Hotel, Aerocity
Punjabi Bagh
Qutab Institutional Area
R K Puram
Race Course
Radisson Blu Plaza Delhi, Mahipalpur
Radisson Blu, Paschim Vihar
Rajendra Place
Rajinder Nagar
Rajouri Garden
Rohini
Roseate House, Aerocity
SDA
Safdarjung
Sainik Farms
Saket
Sangam Courtyard, RK Puram
Sarita Vihar
Sarojini Nagar
Satyaniketan
Sector 15, Dwarka
Select Citywalk Mall, Saket
Shahdara
Shahpur Jat
Shakarpur
Shalimar Bagh
Shangri La's - Eros hotel, Janpath
Shanti Niketan Marg
Sheikh Sarai

Sheraton New Delhi Hotel, Saket
South Extension 1
South Extension 2
Southern Park Mall, Saket
Spark Mall, Kamla Nagar
Star City Mall, Mayur Vihar Phase 1
Subhash Nagar
Sunder Nagar
T3 Domestic Arrival, Aerocity
TDI Mall, Rajouri Garden
Tagore Garden
Taj Vivanta, Khan Market
The Ashok, Chanakyapuri
The Claridges, Aurangzeb Road
The Grand New Delhi, Vasant Kunj
The Imperial, Janpath
The India Mall, New Friends Colony
The Lalit New Delhi, Barakhamba Road
The Leela Ambience Convention Hotel
The Leela Palace, Chanakyapuri
The Lodhi, Lodhi Road
The Park, Connaught Place
The Surya New Delhi, New Friends Colony
The Taj Mahal Hotel, Mansingh Road
The Taj Palace Hotel, Chanakyapuri
The Uppal, Aerocity
The Village Restaurant Complex, Khel Gaon Marg
Tilak Nagar
Tughlakabad Institutional Area
Uday Park
Unity One Mall, Janakpuri
Uttam Nagar
V3S Mall, Laxmi Nagar
Vasant Kunj
Vasant Square Mall, Vasant Kunj
Vasant Vihar
Vasundhara Enclave
Vijay Nagar
Vikas Marg
Vikaspuri
Vivek Vihar
Wazirpur
West End Mall, Janak Puri
West Gate Mall, Rajouri Garden
West Patel Nagar
Worldmark 1, Aerocity
Yusuf Sarai
ibis New Delhi, Aerocity

In [486]: new_Delhi_venues.head()

```
Out[486]:
```

	Locality	Locality	Latitude	Locality	Longitude	\
0	ARSS Mall,	Paschim Vihar	28.668945		77.101544	
1	ARSS Mall,	Paschim Vihar	28.668945		77.101544	
2	ARSS Mall,	Paschim Vihar	28.668945		77.101544	
3	ARSS Mall,	Paschim Vihar	28.668945		77.101544	
4	ARSS Mall,	Paschim Vihar	28.668945		77.101544	

	Venue	Venue	Latitude	Venue	Longitude	\
0		Subway	28.669999		77.102546	
1		Café Coffee Day	28.670009		77.102480	
2		Pizza Hut	28.670321		77.103853	
3	Baljeet's	Amritsari Koolcha	28.665768		77.100481	
4		Little Chef	28.670000		77.101459	

	Venue Category
0	Sandwich Place
1	Coffee Shop
2	Pizza Place
3	Indian Restaurant
4	Chinese Restaurant

In [487]: new_Delhi_venues.groupby('Locality').count()

```
Out[487]:
```

Locality	Latitude	\
ARSS Mall, Paschim Vihar	9	
Adchini	5	
Aditya Mega Mall, Karkardooma	10	
Aerocity	7	
Aggarwal City Mall, Pitampura	5	
Aggarwal City Plaza, Rohini	7	
Alaknanda	7	
Ambience Mall, Vasant Kunj	46	
Anand Lok	11	
Anand Vihar	4	
Andaz Delhi, Aerocity	23	
Ansal Plaza Mall, Khel Gaon Marg	6	
Asaf Ali Road	6	
Ashok Vihar Phase 1	6	
Ashok Vihar Phase 2	6	
Ashok Vihar Phase 3	5	
Barakhamba Road	14	
Basant Lok Market, Vasant Vihar	25	
Bellagio, Ashok Vihar Phase 2	6	
Best Western Taurus Hotel, Mahipalpur	13	

Bhikaji Cama Place	10
Chanakyapuri	5
Chander Nagar	1
Chandni Chowk	15
Chawri Bazar	6
Chhatarpur	5
Chittaranjan Park	4
City Centre Mall, Rohini	7
City Square Mall, Rajouri Garden	29
Civil Lines	5
Community Centre, New Friends Colony	22
Connaught Place	61
Crescent Square Mall, Rohini	6
Cross River Mall, Karkardooma	5
Crowne Plaza Hotel, Rohini	7
Crowne Plaza, Mayur Vihar Phase 1	13
D Mall, Netaji Subhash Place	19
DDA Market, Kalu Sarai, Hauz Khas	5
DLF City Centre Mall, Shalimar Bagh	6
DLF Emporio Mall, Vasant Kunj	46
DLF Place Mall, Saket	75
DLF Promenade Mall, Vasant Kunj	46
DLF South Square, Sarojini Nagar	11
Daryaganj	13
Defence Colony	16
Delhi University-GTB Nagar	12
Dilli Haat, INA	4
Dilshad Garden	4
District Centre, Janakpuri	13
Dr. Zakir Hussain Marg	12
East Patel Nagar	13
East of Kailash	8
Epicuria Food Mall, Nehru Place	27
Eros Hotel, Nehru Place	25
Essex Farms	5
Feroze Shah Road	2
Friends Colony	6
GTB Nagar	2
Garden of Five Senses, Saket	6
Geeta Colony	1
Ginger Hotel, Vivek Vihar	6
Gourmet Hub, Pashim Vihar	4
Greater Kailash (GK) 1	21
Greater Kailash (GK) 2	34
Greater Kailash (GK) 3	17
Green Park	23
Gujranwala Town	5
Hauz Khas	22

Hauz Khas Village	52
Holiday Inn, Aerocity	31
Holiday Inn, Mayur Vihar	17
Hotel Broadway, Daryaganj	9
Hotel City Park, Pitampura	5
Hotel Regent Grand, Karol Bagh	12
Hotel The Royal Plaza, Janpath	30
Hyatt Regency, Bhikaji Cama Place	10
INA	6
IP Extension	10
ITC Maurya, Chanakyapuri	34
ITO	7
India Gate	4
JMD Kohinoor Mall, Greater Kailash	21
JNU	5
JW Marriott New Delhi	27
Jail Road	10
Jama Masjid	6
Janakpuri	5
Jangpura	7
Janpath	35
Jasola	4
Jaypee Siddharth, Rajendra Place	14
Jaypee Vasant Continental, Vasant Vihar	26
Jor Bagh	5
Kailash Colony	19
Kalkaji	9
Kamla Nagar	20
Kapashera	4
Karampura	4
Karkardooma	4
Karol Bagh	16
Kasbah, Greater Kailash (GK) 1	19
Kashmiri Gate	6
Khan Market	44
Kirti Nagar	4
Krishna Nagar	4
Lado Sarai	6
Lajpat Nagar 1	8
Lajpat Nagar 2	26
Lajpat Nagar 4	11
Lawrence Road	4
Laxmi Nagar	4
Le Meridien, Janpath	18
Lemon Tree Premier, Aerocity	27
Living Style Mall, Jasola	6
Lodhi Colony	14
Lodhi Road	18

MG Road	4
MGF Metropolitan Mall, Saket	72
MGM Club, Daryaganj	6
Mahipalpur	13
Maidens Hotel, Civil Lines	6
Majnu ka Tila	9
Malviya Nagar	11
Mandi House	15
Mathura Road	3
Mayapuri Phase 2	4
Mayur Vihar Phase 1	4
Mayur Vihar Phase 2	5
Mayur Vihar Phase 3	1
Mehrauli	11
Metro Walk Mall, Rohini	6
Model Town 1	4
Model Town 2	8
Model Town 3	3
Moments Mall, Kirti Nagar	10
Moti Bagh	4
Moti Nagar	3
Mukherjee Nagar	3
Munirka	9
Najafgarh	4
Naraina	4
Nehru Place	27
Netaji Subhash Place	19
New Friends Colony	17
Nizamuddin	9
Okhla Phase 1	1
Okhla Phase 2	1
PVR Anupam Complex	8
Pacific Mall, Tagore Garden	19
Paharganj	41
Palam	1
Palate of Delhi, Chanakyapuri	5
Panchsheel Park	5
Pandara Road Market	16
Pandav Nagar	9
Paschim Vihar	7
Patparganj	8
Piccadily Hotel, Janakpuri	12
Pitampura	8
Pragati Maidan	8
Prashant Vihar	5
Preet Vihar	6
Premier Inn, Shalimar Bagh	2
Pride Plaza Hotel, Aerocity	25

Punjabi Bagh	7
Qutab Institutional Area	7
R K Puram	8
Race Course	4
Radisson Blu Plaza Delhi, Mahipalpur	6
Radisson Blu, Paschim Vihar	6
Rajendra Place	11
Rajinder Nagar	6
Rajouri Garden	13
Rohini	4
Roseate House, Aerocity	27
SDA	13
Safdarjung	14
Sainik Farms	5
Saket	15
Sangam Courtyard, RK Puram	13
Sarita Vihar	4
Sarojini Nagar	10
Satyaniketan	7
Sector 15, Dwarka	2
Select Citywalk Mall, Saket	75
Shahdara	4
Shahpur Jat	7
Shakarpur	6
Shalimar Bagh	6
Shangri La's - Eros hotel, Janpath	27
Shanti Niketan Marg	4
Sheikh Sarai	8
Sheraton New Delhi Hotel, Saket	62
South Extension 1	15
South Extension 2	12
Southern Park Mall, Saket	72
Spark Mall, Kamla Nagar	25
Star City Mall, Mayur Vihar Phase 1	17
Subhash Nagar	4
Sunder Nagar	13
T3 Domestic Arrival, Aerocity	11
TDI Mall, Rajouri Garden	27
Tagore Garden	10
Taj Vivanta, Khan Market	46
The Ashok, Chanakyapuri	15
The Claridges, Aurangzeb Road	9
The Grand New Delhi, Vasant Kunj	25
The Imperial, Janpath	31
The India Mall, New Friends Colony	20
The Lalit New Delhi, Barakhamba Road	8
The Leela Ambience Convention Hotel	4
The Leela Palace, Chanakyapuri	12

The Lodhi, Lodhi Road	15
The Park, Connaught Place	29
The Suryaa New Delhi, New Friends Colony	22
The Taj Mahal Hotel, Mansingh Road	4
The Taj Palace Hotel, Chanakyapuri	34
The Uppal, Aerocity	4
The Village Restaurant Complex, Khel Gaon Marg	11
Tilak Nagar	5
Tughlakabad Institutional Area	5
Uday Park	6
Unity One Mall, Janakpuri	9
Uttam Nagar	1
V3S Mall, Laxmi Nagar	16
Vasant Kunj	6
Vasant Square Mall, Vasant Kunj	8
Vasant Vihar	27
Vasundhara Enclave	2
Vijay Nagar	13
Vikas Marg	7
Vikaspuri	2
Vivek Vihar	5
West End Mall, Janak Puri	13
West Gate Mall, Rajouri Garden	18
West Patel Nagar	5
Worldmark 1, Aerocity	30
Yusuf Sarai	14
ibis New Delhi, Aerocity	29

Locality	Longitude	Venue \
ARSS Mall, Paschim Vihar	9	9
Adchini	5	5
Aditya Mega Mall, Karkardooma	10	10
Aerocity	7	7
Aggarwal City Mall, Pitampura	5	5
Aggarwal City Plaza, Rohini	7	7
Alaknanda	7	7
Ambience Mall, Vasant Kunj	46	46
Anand Lok	11	11
Anand Vihar	4	4
Andaz Delhi, Aerocity	23	23
Ansal Plaza Mall, Khel Gaon Marg	6	6
Asaf Ali Road	6	6
Ashok Vihar Phase 1	6	6
Ashok Vihar Phase 2	6	6
Ashok Vihar Phase 3	5	5
Barakhamba Road	14	14
Basant Lok Market, Vasant Vihar	25	25

Bellagio, Ashok Vihar Phase 2	6	6
Best Western Taurus Hotel, Mahipalpur	13	13
Bhikaji Cama Place	10	10
Chanakyapuri	5	5
Chander Nagar	1	1
Chandni Chowk	15	15
Chawri Bazar	6	6
Chhatarpur	5	5
Chittaranjan Park	4	4
City Centre Mall, Rohini	7	7
City Square Mall, Rajouri Garden	29	29
Civil Lines	5	5
Community Centre, New Friends Colony	22	22
Connaught Place	61	61
Crescent Square Mall, Rohini	6	6
Cross River Mall, Karkardooma	5	5
Crowne Plaza Hotel, Rohini	7	7
Crowne Plaza, Mayur Vihar Phase 1	13	13
D Mall, Netaji Subhash Place	19	19
DDA Market, Kalu Sarai, Hauz Khas	5	5
DLF City Centre Mall, Shalimar Bagh	6	6
DLF Emporio Mall, Vasant Kunj	46	46
DLF Place Mall, Saket	75	75
DLF Promenade Mall, Vasant Kunj	46	46
DLF South Square, Sarojini Nagar	11	11
Daryaganj	13	13
Defence Colony	16	16
Delhi University-GTB Nagar	12	12
Dilli Haat, INA	4	4
Dilshad Garden	4	4
District Centre, Janakpuri	13	13
Dr. Zakir Hussain Marg	12	12
East Patel Nagar	13	13
East of Kailash	8	8
Epicuria Food Mall, Nehru Place	27	27
Eros Hotel, Nehru Place	25	25
Essex Farms	5	5
Feroze Shah Road	2	2
Friends Colony	6	6
GTB Nagar	2	2
Garden of Five Senses, Saket	6	6
Geeta Colony	1	1
Ginger Hotel, Vivek Vihar	6	6
Gourmet Hub, Pashim Vihar	4	4
Greater Kailash (GK) 1	21	21
Greater Kailash (GK) 2	34	34
Greater Kailash (GK) 3	17	17
Green Park	23	23

Gujranwala Town	5	5
Hauz Khas	22	22
Hauz Khas Village	52	52
Holiday Inn, Aerocity	31	31
Holiday Inn, Mayur Vihar	17	17
Hotel Broadway, Daryaganj	9	9
Hotel City Park, Pitampura	5	5
Hotel Regent Grand, Karol Bagh	12	12
Hotel The Royal Plaza, Janpath	30	30
Hyatt Regency, Bhikaji Cama Place	10	10
INA	6	6
IP Extension	10	10
ITC Maurya, Chanakyapuri	34	34
ITO	7	7
India Gate	4	4
JMD Kohinoor Mall, Greater Kailash	21	21
JNU	5	5
JW Marriott New Delhi	27	27
Jail Road	10	10
Jama Masjid	6	6
Janakpuri	5	5
Jangpura	7	7
Janpath	35	35
Jasola	4	4
Jaypee Siddharth, Rajendra Place	14	14
Jaypee Vasant Continental, Vasant Vihar	26	26
Jor Bagh	5	5
Kailash Colony	19	19
Kalkaji	9	9
Kamla Nagar	20	20
Kapashera	4	4
Karampura	4	4
Karkardooma	4	4
Karol Bagh	16	16
Kasbah, Greater Kailash (GK) 1	19	19
Kashmiri Gate	6	6
Khan Market	44	44
Kirti Nagar	4	4
Krishna Nagar	4	4
Lado Sarai	6	6
Lajpat Nagar 1	8	8
Lajpat Nagar 2	26	26
Lajpat Nagar 4	11	11
Lawrence Road	4	4
Laxmi Nagar	4	4
Le Meridien, Janpath	18	18
Lemon Tree Premier, Aerocity	27	27
Living Style Mall, Jasola	6	6

Lodhi Colony	14	14
Lodhi Road	18	18
MG Road	4	4
MGF Metropolitan Mall, Saket	72	72
MGM Club, Daryaganj	6	6
Mahipalpur	13	13
Maidens Hotel, Civil Lines	6	6
Majnu ka Tila	9	9
Malviya Nagar	11	11
Mandi House	15	15
Mathura Road	3	3
Mayapuri Phase 2	4	4
Mayur Vihar Phase 1	4	4
Mayur Vihar Phase 2	5	5
Mayur Vihar Phase 3	1	1
Mehrauli	11	11
Metro Walk Mall, Rohini	6	6
Model Town 1	4	4
Model Town 2	8	8
Model Town 3	3	3
Moments Mall, Kirti Nagar	10	10
Moti Bagh	4	4
Moti Nagar	3	3
Mukherjee Nagar	3	3
Munirka	9	9
Najafgarh	4	4
Naraina	4	4
Nehru Place	27	27
Netaji Subhash Place	19	19
New Friends Colony	17	17
Nizamuddin	9	9
Okhla Phase 1	1	1
Okhla Phase 2	1	1
PVR Anupam Complex	8	8
Pacific Mall, Tagore Garden	19	19
Paharganj	41	41
Palam	1	1
Palate of Delhi, Chanakyapuri	5	5
Panchsheel Park	5	5
Pandara Road Market	16	16
Pandav Nagar	9	9
Paschim Vihar	7	7
Patparganj	8	8
Piccadily Hotel, Janakpuri	12	12
Pitampura	8	8
Pragati Maidan	8	8
Prashant Vihar	5	5
Preet Vihar	6	6

Premier Inn, Shalimar Bagh	2	2
Pride Plaza Hotel, Aerocity	25	25
Punjabi Bagh	7	7
Qutab Institutional Area	7	7
R K Puram	8	8
Race Course	4	4
Radisson Blu Plaza Delhi, Mahipalpur	6	6
Radisson Blu, Paschim Vihar	6	6
Rajendra Place	11	11
Rajinder Nagar	6	6
Rajouri Garden	13	13
Rohini	4	4
Roseate House, Aerocity	27	27
SDA	13	13
Safdarjung	14	14
Sainik Farms	5	5
Saket	15	15
Sangam Courtyard, RK Puram	13	13
Sarita Vihar	4	4
Sarojini Nagar	10	10
Satyaniketan	7	7
Sector 15, Dwarka	2	2
Select Citywalk Mall, Saket	75	75
Shahdara	4	4
Shahpur Jat	7	7
Shakarpur	6	6
Shalimar Bagh	6	6
Shangri La's - Eros hotel, Janpath	27	27
Shanti Niketan Marg	4	4
Sheikh Sarai	8	8
Sheraton New Delhi Hotel, Saket	62	62
South Extension 1	15	15
South Extension 2	12	12
Southern Park Mall, Saket	72	72
Spark Mall, Kamla Nagar	25	25
Star City Mall, Mayur Vihar Phase 1	17	17
Subhash Nagar	4	4
Sunder Nagar	13	13
T3 Domestic Arrival, Aerocity	11	11
TDI Mall, Rajouri Garden	27	27
Tagore Garden	10	10
Taj Vivanta, Khan Market	46	46
The Ashok, Chanakyapuri	15	15
The Claridges, Aurangzeb Road	9	9
The Grand New Delhi, Vasant Kunj	25	25
The Imperial, Janpath	31	31
The India Mall, New Friends Colony	20	20
The Lalit New Delhi, Barakhamba Road	8	8

The Leela Ambience Convention Hotel	4	4
The Leela Palace, Chanakyapuri	12	12
The Lodhi, Lodhi Road	15	15
The Park, Connaught Place	29	29
The Surya New Delhi, New Friends Colony	22	22
The Taj Mahal Hotel, Mansingh Road	4	4
The Taj Palace Hotel, Chanakyapuri	34	34
The Uppal, Aerocity	4	4
The Village Restaurant Complex, Khel Gaon Marg	11	11
Tilak Nagar	5	5
Tughlakabad Institutional Area	5	5
Uday Park	6	6
Unity One Mall, Janakpuri	9	9
Uttam Nagar	1	1
V3S Mall, Laxmi Nagar	16	16
Vasant Kunj	6	6
Vasant Square Mall, Vasant Kunj	8	8
Vasant Vihar	27	27
Vasundhara Enclave	2	2
Vijay Nagar	13	13
Vikas Marg	7	7
Vikaspuri	2	2
Vivek Vihar	5	5
West End Mall, Janak Puri	13	13
West Gate Mall, Rajouri Garden	18	18
West Patel Nagar	5	5
Worldmark 1, Aerocity	30	30
Yusuf Sarai	14	14
ibis New Delhi, Aerocity	29	29

	Venue Latitude \
Locality	
ARSS Mall, Paschim Vihar	9
Adchini	5
Aditya Mega Mall, Karkardooma	10
Aerocity	7
Aggarwal City Mall, Pitampura	5
Aggarwal City Plaza, Rohini	7
Alaknanda	7
Ambience Mall, Vasant Kunj	46
Anand Lok	11
Anand Vihar	4
Andaz Delhi, Aerocity	23
Ansal Plaza Mall, Khel Gaon Marg	6
Asaf Ali Road	6
Ashok Vihar Phase 1	6
Ashok Vihar Phase 2	6
Ashok Vihar Phase 3	5

Barakhamba Road	14
Basant Lok Market, Vasant Vihar	25
Bellagio, Ashok Vihar Phase 2	6
Best Western Taurus Hotel, Mahipalpur	13
Bhikaji Cama Place	10
Chanakyapuri	5
Chander Nagar	1
Chandni Chowk	15
Chawri Bazar	6
Chhatarpur	5
Chittaranjan Park	4
City Centre Mall, Rohini	7
City Square Mall, Rajouri Garden	29
Civil Lines	5
Community Centre, New Friends Colony	22
Connaught Place	61
Crescent Square Mall, Rohini	6
Cross River Mall, Karkardooma	5
Crowne Plaza Hotel, Rohini	7
Crowne Plaza, Mayur Vihar Phase 1	13
D Mall, Netaji Subhash Place	19
DDA Market, Kalu Sarai, Hauz Khas	5
DLF City Centre Mall, Shalimar Bagh	6
DLF Emporio Mall, Vasant Kunj	46
DLF Place Mall, Saket	75
DLF Promenade Mall, Vasant Kunj	46
DLF South Square, Sarojini Nagar	11
Daryaganj	13
Defence Colony	16
Delhi University-GTB Nagar	12
Dilli Haat, INA	4
Dilshad Garden	4
District Centre, Janakpuri	13
Dr. Zakir Hussain Marg	12
East Patel Nagar	13
East of Kailash	8
Epicuria Food Mall, Nehru Place	27
Eros Hotel, Nehru Place	25
Essex Farms	5
Feroze Shah Road	2
Friends Colony	6
GTB Nagar	2
Garden of Five Senses, Saket	6
Geeta Colony	1
Ginger Hotel, Vivek Vihar	6
Gourmet Hub, Pashim Vihar	4
Greater Kailash (GK) 1	21
Greater Kailash (GK) 2	34

Greater Kailash (GK) 3	17
Green Park	23
Gujranwala Town	5
Hauz Khas	22
Hauz Khas Village	52
Holiday Inn, Aerocity	31
Holiday Inn, Mayur Vihar	17
Hotel Broadway, Daryaganj	9
Hotel City Park, Pitampura	5
Hotel Regent Grand, Karol Bagh	12
Hotel The Royal Plaza, Janpath	30
Hyatt Regency, Bhikaji Cama Place	10
INA	6
IP Extension	10
ITC Maurya, Chanakyapuri	34
ITO	7
India Gate	4
JMD Kohinoor Mall, Greater Kailash	21
JNU	5
JW Marriott New Delhi	27
Jail Road	10
Jama Masjid	6
Janakpuri	5
Jangpura	7
Janpath	35
Jasola	4
Jaypee Siddharth, Rajendra Place	14
Jaypee Vasant Continental, Vasant Vihar	26
Jor Bagh	5
Kailash Colony	19
Kalkaji	9
Kamla Nagar	20
Kapashera	4
Karampura	4
Karkardooma	4
Karol Bagh	16
Kasbah, Greater Kailash (GK) 1	19
Kashmiri Gate	6
Khan Market	44
Kirti Nagar	4
Krishna Nagar	4
Lado Sarai	6
Lajpat Nagar 1	8
Lajpat Nagar 2	26
Lajpat Nagar 4	11
Lawrence Road	4
Laxmi Nagar	4
Le Meridien, Janpath	18

Lemon Tree Premier, Aerocity	27
Living Style Mall, Jasola	6
Lodhi Colony	14
Lodhi Road	18
MG Road	4
MGF Metropolitan Mall, Saket	72
MGM Club, Daryaganj	6
Mahipalpur	13
Maidens Hotel, Civil Lines	6
Majnu ka Tila	9
Malviya Nagar	11
Mandi House	15
Mathura Road	3
Mayapuri Phase 2	4
Mayur Vihar Phase 1	4
Mayur Vihar Phase 2	5
Mayur Vihar Phase 3	1
Mehrauli	11
Metro Walk Mall, Rohini	6
Model Town 1	4
Model Town 2	8
Model Town 3	3
Moments Mall, Kirti Nagar	10
Moti Bagh	4
Moti Nagar	3
Mukherjee Nagar	3
Munirka	9
Najafgarh	4
Naraina	4
Nehru Place	27
Netaji Subhash Place	19
New Friends Colony	17
Nizamuddin	9
Okhla Phase 1	1
Okhla Phase 2	1
PVR Anupam Complex	8
Pacific Mall, Tagore Garden	19
Paharganj	41
Palam	1
Palate of Delhi, Chanakyapuri	5
Panchsheel Park	5
Pandara Road Market	16
Pandav Nagar	9
Paschim Vihar	7
Patparganj	8
Piccadily Hotel, Janakpuri	12
Pitampura	8
Pragati Maidan	8

Prashant Vihar	5
Preet Vihar	6
Premier Inn, Shalimar Bagh	2
Pride Plaza Hotel, Aerocity	25
Punjabi Bagh	7
Qutab Institutional Area	7
R K Puram	8
Race Course	4
Radisson Blu Plaza Delhi, Mahipalpur	6
Radisson Blu, Paschim Vihar	6
Rajendra Place	11
Rajinder Nagar	6
Rajouri Garden	13
Rohini	4
Roseate House, Aerocity	27
SDA	13
Safdarjung	14
Sainik Farms	5
Saket	15
Sangam Courtyard, RK Puram	13
Sarita Vihar	4
Sarojini Nagar	10
Satyaniketan	7
Sector 15, Dwarka	2
Select Citywalk Mall, Saket	75
Shahdara	4
Shahpur Jat	7
Shakarpur	6
Shalimar Bagh	6
Shangri La's - Eros hotel, Janpath	27
Shanti Niketan Marg	4
Sheikh Sarai	8
Sheraton New Delhi Hotel, Saket	62
South Extension 1	15
South Extension 2	12
Southern Park Mall, Saket	72
Spark Mall, Kamla Nagar	25
Star City Mall, Mayur Vihar Phase 1	17
Subhash Nagar	4
Sunder Nagar	13
T3 Domestic Arrival, Aerocity	11
TDI Mall, Rajouri Garden	27
Tagore Garden	10
Taj Vivanta, Khan Market	46
The Ashok, Chanakyapuri	15
The Claridges, Aurangzeb Road	9
The Grand New Delhi, Vasant Kunj	25
The Imperial, Janpath	31

The India Mall, New Friends Colony	20
The Lalit New Delhi, Barakhamba Road	8
The Leela Ambience Convention Hotel	4
The Leela Palace, Chanakyapuri	12
The Lodhi, Lodhi Road	15
The Park, Connaught Place	29
The Surya New Delhi, New Friends Colony	22
The Taj Mahal Hotel, Mansingh Road	4
The Taj Palace Hotel, Chanakyapuri	34
The Uppal, Aerocity	4
The Village Restaurant Complex, Khel Gaon Marg	11
Tilak Nagar	5
Tughlakabad Institutional Area	5
Uday Park	6
Unity One Mall, Janakpuri	9
Uttam Nagar	1
V3S Mall, Laxmi Nagar	16
Vasant Kunj	6
Vasant Square Mall, Vasant Kunj	8
Vasant Vihar	27
Vasundhara Enclave	2
Vijay Nagar	13
Vikas Marg	7
Vikaspuri	2
Vivek Vihar	5
West End Mall, Janak Puri	13
West Gate Mall, Rajouri Garden	18
West Patel Nagar	5
Worldmark 1, Aerocity	30
Yusuf Sarai	14
ibis New Delhi, Aerocity	29

Locality	Venue Longitude \
ARSS Mall, Paschim Vihar	9
Adchini	5
Aditya Mega Mall, Karkardooma	10
Aerocity	7
Aggarwal City Mall, Pitampura	5
Aggarwal City Plaza, Rohini	7
Alaknanda	7
Ambience Mall, Vasant Kunj	46
Anand Lok	11
Anand Vihar	4
Andaz Delhi, Aerocity	23
Ansal Plaza Mall, Khel Gaon Marg	6
Asaf Ali Road	6
Ashok Vihar Phase 1	6

Ashok Vihar Phase 2	6
Ashok Vihar Phase 3	5
Barakhamba Road	14
Basant Lok Market, Vasant Vihar	25
Bellagio, Ashok Vihar Phase 2	6
Best Western Taurus Hotel, Mahipalpur	13
Bhikaji Cama Place	10
Chanakyapuri	5
Chander Nagar	1
Chandni Chowk	15
Chawri Bazar	6
Chhatarpur	5
Chittaranjan Park	4
City Centre Mall, Rohini	7
City Square Mall, Rajouri Garden	29
Civil Lines	5
Community Centre, New Friends Colony	22
Connaught Place	61
Crescent Square Mall, Rohini	6
Cross River Mall, Karkardooma	5
Crowne Plaza Hotel, Rohini	7
Crowne Plaza, Mayur Vihar Phase 1	13
D Mall, Netaji Subhash Place	19
DDA Market, Kalu Sarai, Hauz Khas	5
DLF City Centre Mall, Shalimar Bagh	6
DLF Emporio Mall, Vasant Kunj	46
DLF Place Mall, Saket	75
DLF Promenade Mall, Vasant Kunj	46
DLF South Square, Sarojini Nagar	11
Daryaganj	13
Defence Colony	16
Delhi University-GTB Nagar	12
Dilli Haat, INA	4
Dilshad Garden	4
District Centre, Janakpuri	13
Dr. Zakir Hussain Marg	12
East Patel Nagar	13
East of Kailash	8
Epicuria Food Mall, Nehru Place	27
Eros Hotel, Nehru Place	25
Essex Farms	5
Feroze Shah Road	2
Friends Colony	6
GTB Nagar	2
Garden of Five Senses, Saket	6
Geeta Colony	1
Ginger Hotel, Vivek Vihar	6
Gourmet Hub, Pashim Vihar	4

Greater Kailash (GK) 1	21
Greater Kailash (GK) 2	34
Greater Kailash (GK) 3	17
Green Park	23
Gujranwala Town	5
Hauz Khas	22
Hauz Khas Village	52
Holiday Inn, Aerocity	31
Holiday Inn, Mayur Vihar	17
Hotel Broadway, Daryaganj	9
Hotel City Park, Pitampura	5
Hotel Regent Grand, Karol Bagh	12
Hotel The Royal Plaza, Janpath	30
Hyatt Regency, Bhikaji Cama Place	10
INA	6
IP Extension	10
ITC Maurya, Chanakyapuri	34
ITO	7
India Gate	4
JMD Kohinoor Mall, Greater Kailash	21
JNU	5
JW Marriott New Delhi	27
Jail Road	10
Jama Masjid	6
Janakpuri	5
Jangpura	7
Janpath	35
Jasola	4
Jaypee Siddharth, Rajendra Place	14
Jaypee Vasant Continental, Vasant Vihar	26
Jor Bagh	5
Kailash Colony	19
Kalkaji	9
Kamla Nagar	20
Kapashera	4
Karampura	4
Karkardooma	4
Karol Bagh	16
Kasbah, Greater Kailash (GK) 1	19
Kashmiri Gate	6
Khan Market	44
Kirti Nagar	4
Krishna Nagar	4
Lado Sarai	6
Lajpat Nagar 1	8
Lajpat Nagar 2	26
Lajpat Nagar 4	11
Lawrence Road	4

Laxmi Nagar	4
Le Meridien, Janpath	18
Lemon Tree Premier, Aerocity	27
Living Style Mall, Jasola	6
Lodhi Colony	14
Lodhi Road	18
MG Road	4
MGF Metropolitan Mall, Saket	72
MGM Club, Daryaganj	6
Mahipalpur	13
Maidens Hotel, Civil Lines	6
Majnu ka Tila	9
Malviya Nagar	11
Mandi House	15
Mathura Road	3
Mayapuri Phase 2	4
Mayur Vihar Phase 1	4
Mayur Vihar Phase 2	5
Mayur Vihar Phase 3	1
Mehrauli	11
Metro Walk Mall, Rohini	6
Model Town 1	4
Model Town 2	8
Model Town 3	3
Moments Mall, Kirti Nagar	10
Moti Bagh	4
Moti Nagar	3
Mukherjee Nagar	3
Munirka	9
Najafgarh	4
Naraina	4
Nehru Place	27
Netaji Subhash Place	19
New Friends Colony	17
Nizamuddin	9
Okhla Phase 1	1
Okhla Phase 2	1
PVR Anupam Complex	8
Pacific Mall, Tagore Garden	19
Paharganj	41
Palam	1
Palate of Delhi, Chanakyapuri	5
Panchsheel Park	5
Pandara Road Market	16
Pandav Nagar	9
Paschim Vihar	7
Patparganj	8
Piccadily Hotel, Janakpuri	12

Pitampura	8
Pragati Maidan	8
Prashant Vihar	5
Preet Vihar	6
Premier Inn, Shalimar Bagh	2
Pride Plaza Hotel, Aerocity	25
Punjabi Bagh	7
Qutab Institutional Area	7
R K Puram	8
Race Course	4
Radisson Blu Plaza Delhi, Mahipalpur	6
Radisson Blu, Paschim Vihar	6
Rajendra Place	11
Rajinder Nagar	6
Rajouri Garden	13
Rohini	4
Roseate House, Aerocity	27
SDA	13
Safdarjung	14
Sainik Farms	5
Saket	15
Sangam Courtyard, RK Puram	13
Sarita Vihar	4
Sarojini Nagar	10
Satyaniketan	7
Sector 15, Dwarka	2
Select Citywalk Mall, Saket	75
Shahdara	4
Shahpur Jat	7
Shakarpur	6
Shalimar Bagh	6
Shangri La's - Eros hotel, Janpath	27
Shanti Niketan Marg	4
Sheikh Sarai	8
Sheraton New Delhi Hotel, Saket	62
South Extension 1	15
South Extension 2	12
Southern Park Mall, Saket	72
Spark Mall, Kamla Nagar	25
Star City Mall, Mayur Vihar Phase 1	17
Subhash Nagar	4
Sunder Nagar	13
T3 Domestic Arrival, Aerocity	11
TDI Mall, Rajouri Garden	27
Tagore Garden	10
Taj Vivanta, Khan Market	46
The Ashok, Chanakyapuri	15
The Claridges, Aurangzeb Road	9

The Grand New Delhi, Vasant Kunj	25
The Imperial, Janpath	31
The India Mall, New Friends Colony	20
The Lalit New Delhi, Barakhamba Road	8
The Leela Ambience Convention Hotel	4
The Leela Palace, Chanakyapuri	12
The Lodhi, Lodhi Road	15
The Park, Connaught Place	29
The Suryaa New Delhi, New Friends Colony	22
The Taj Mahal Hotel, Mansingh Road	4
The Taj Palace Hotel, Chanakyapuri	34
The Uppal, Aerocity	4
The Village Restaurant Complex, Khel Gaon Marg	11
Tilak Nagar	5
Tughlakabad Institutional Area	5
Uday Park	6
Unity One Mall, Janakpuri	9
Uttam Nagar	1
V3S Mall, Laxmi Nagar	16
Vasant Kunj	6
Vasant Square Mall, Vasant Kunj	8
Vasant Vihar	27
Vasundhara Enclave	2
Vijay Nagar	13
Vikas Marg	7
Vikaspuri	2
Vivek Vihar	5
West End Mall, Janak Puri	13
West Gate Mall, Rajouri Garden	18
West Patel Nagar	5
Worldmark 1, Aerocity	30
Yusuf Sarai	14
ibis New Delhi, Aerocity	29

Venue Category

Locality	
ARSS Mall, Paschim Vihar	9
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Aditya Mega Mall, Karkardooma	10
Aerocity	7
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Anand Lok	11
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Asaf Ali Road	6
Ashok Vihar Phase 1	6
Ashok Vihar Phase 2	6
Ashok Vihar Phase 3	5
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Chanakyapuri	5
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Chandni Chowk	15
Chawri Bazar	6
Chhatarpur	5
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Jangpura	7
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Jaypee Siddharth, Rajendra Place	14
Jaypee Vasant Continental, Vasant Vihar	26
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Kalkaji	9
Kamla Nagar	20
Kapashera	4
Karampura	4
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Karol Bagh	16
Kasbah, Greater Kailash (GK) 1	19
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Nehru Place	27
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Nizamuddin	9
Okhla Phase 1	1
Okhla Phase 2	1
PVR Anupam Complex	8
Pacific Mall, Tagore Garden	19
Paharganj	41
Palam	1
Palate of Delhi, Chanakyapuri	5
Panchsheel Park	5
Pandara Road Market	16
Pandav Nagar	9
Paschim Vihar	7

Patparganj	8
Piccadily Hotel, Janakpuri	12
Pitampura	8
Pragati Maidan	8
Prashant Vihar	5
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R K Puram	8
Race Course	4
Radisson Blu Plaza Delhi, Mahipalpur	6
Radisson Blu, Paschim Vihar	6
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SDA	13
Safdarjung	14
Sainik Farms	5
Saket	15
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Sarita Vihar	4
Sarojini Nagar	10
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Uttam Nagar	1
V3S Mall, Laxmi Nagar	16
Vasant Kunj	6
Vasant Square Mall, Vasant Kunj	8
Vasant Vihar	27
Vasundhara Enclave	2
Vijay Nagar	13
Vikas Marg	7
Vikaspuri	2
Vivek Vihar	5
West End Mall, Janak Puri	13
West Gate Mall, Rajouri Garden	18
West Patel Nagar	5
Worldmark 1, Aerocity	30
Yusuf Sarai	14
ibis New Delhi, Aerocity	29

```
In [488]: print('There are {} uniques categories.'.format(len(new_Delhi_venues['Venue Category'])))
```

There are 215 uniques categories.

```
In [489]: ## Analyze Each Locality
```

```
# one hot encoding
```

```
new_Delhi_onehot = pd.get_dummies(new_Delhi_venues[['Venue Category']], prefix='',
```

```
# add Locality column back to dataframe
```

```
new_Delhi_onehot['Locality'] = new_Delhi_venues['Locality']
```

```
# move Locality column to the first column
column_list = new_Delhi_onehot.columns.tolist()
column_number = int(column_list.index('Locality'))
column_list = [column_list[column_number]] + column_list[:column_number] + column_li
new_Delhi_onehot = new_Delhi_onehot[column_list]

new_Delhi_onehot.head()
```

```
Out[489]:
```

	Locality	ATM	Accessories	Store	Afghan Restaurant	\
0	ARSS Mall, Paschim Vihar	0		0	0	
1	ARSS Mall, Paschim Vihar	0		0	0	
2	ARSS Mall, Paschim Vihar	0		0	0	
3	ARSS Mall, Paschim Vihar	0		0	0	
4	ARSS Mall, Paschim Vihar	0		0	0	

	African Restaurant	Airport	Airport Food Court	Airport Lounge	\
0	0	0		0	
1	0	0		0	
2	0	0		0	
3	0	0		0	
4	0	0		0	

	Airport Service	Airport Terminal	American Restaurant	Arcade	\
0	0	0		0	
1	0	0		0	
2	0	0		0	
3	0	0		0	
4	0	0		0	

	Art Gallery	Art Museum	Arts & Crafts Store	Asian Restaurant	\
0	0	0		0	
1	0	0		0	
2	0	0		0	
3	0	0		0	
4	0	0		0	

	Athletics & Sports	Australian Restaurant	BBQ Joint	Bagel Shop	Bakery	\
0	0		0	0	0	
1	0		0	0	0	
2	0		0	0	0	
3	0		0	0	0	
4	0		0	0	0	

	Bank	Bar	Basketball Court	Bed & Breakfast	Beer Garden	\
0	0	0		0	0	
1	0	0		0	0	
2	0	0		0	0	

3	0	0	0	0	0
4	0	0	0	0	0

	Bengali Restaurant	Bistro	Bookstore	Boutique	Breakfast Spot	Brewery \
0	0	0	0	0	0	0
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0

	Buffet	Building	Burger Joint	Burmese Restaurant	Burrito Place \
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Bus Station	Business Center	Business Service	Cafeteria	Café \
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Campground	Cheese Shop	Chinese Restaurant	Chocolate Shop \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	1	0

	Clothing Store	Cocktail Bar	Coffee Shop	College Gym \
0	0	0	0	0
1	0	0	1	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Comfort Food Restaurant	Concert Hall	Convenience Store	Cosmetics Shop \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Deli / Bodega	Department Store	Design Studio	Dessert Shop \
0	0	0	0	0
1	0	0	0	0

2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Dim Sum Restaurant	Diner	Discount Store	Donut Shop	Dumpling Restaurant \
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Eastern European Restaurant	Electronics Store	English Restaurant \
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0

	Event Space	Falafel Restaurant	Farmers Market	Fast Food Restaurant \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Fish & Chips Shop	Flea Market	Flower Shop	Food Food & Drink Shop \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Food Court	Food Truck	French Restaurant	Fried Chicken Joint \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Frozen Yogurt Shop	Furniture / Home Store	Gaming Cafe	Garden \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Garden Center	Gastropub	Gift Shop	Golf Course	Gourmet Shop \
0	0	0	0	0	0

1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Government Building	Greek Restaurant	Grocery Store	Gym \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Gym / Fitness Center	Hardware Store	Health & Beauty Service \
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0

	Historic Site	History Museum	Hockey Arena	Hookah Bar	Hostel \
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Hot Dog Joint	Hotel	Hotel Bar	Hotel Pool	Ice Cream Shop \
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Indian Chinese Restaurant	Indian Restaurant	Indian Sweet Shop \
0	0	0	0
1	0	0	0
2	0	0	0
3	0	1	0
4	0	0	0

	Indie Movie Theater	Indoor Play Area	Internet Cafe	Irani Cafe \
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0

	Italian Restaurant	Japanese Restaurant	Jazz Club	Juice Bar	Karaoke Bar \
--	--------------------	---------------------	-----------	-----------	---------------

0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0

	Korean Restaurant	Lake	Latin American Restaurant	Light Rail Station	\
0	0	0	0	0	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	

	Liquor Store	Lounge	Luggage Store	Market	Mediterranean Restaurant	\
0	0	0	0	0	0	
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	

	Men's Store	Metro Station	Mexican Restaurant	Middle Eastern Restaurant	\
0	0	0	0	0	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	

	Miscellaneous Shop	Mobile Phone Shop	Modern European Restaurant	\
0	0	0	0	
1	0	0	0	
2	0	0	0	
3	0	0	0	
4	0	0	0	

	Molecular Gastronomy Restaurant	Monument / Landmark	Moroccan Restaurant	\
0	0	0	0	
1	0	0	0	
2	0	0	0	
3	0	0	0	
4	0	0	0	

	Mosque	Motel	Movie Theater	Moving Target	Mughlai Restaurant	\
0	0	0	0	0	0	
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	

	Multicuisine	Indian	Restaurant	Multiplex	Museum	Music Venue	\
0			0	0	0	0	
1			0	0	0	0	
2			0	0	0	0	
3			0	0	0	0	
4			0	0	0	0	

	National Park	Neighborhood	Nightclub	Nightlife	Spot	\
0	0	0	0		0	
1	0	0	0		0	
2	0	0	0		0	
3	0	0	0		0	
4	0	0	0		0	

	North Indian Restaurant	Northeast Indian Restaurant	Nutritionist	Office	\
0	0		0	0	0
1	0		0	0	0
2	0		0	0	0
3	0		0	0	0
4	0		0	0	0

	Other Great Outdoors	Other Nightlife	Paper / Office Supplies Store	Park	\
0	0	0		0	0
1	0	0		0	0
2	0	0		0	0
3	0	0		0	0
4	0	0		0	0

	Pedestrian Plaza	Performing Arts Venue	Pet Store	Pharmacy	Pizza Place	\
0	0	0	0	0	0	
1	0	0	0	0	0	
2	0	0	0	0	1	
3	0	0	0	0	0	
4	0	0	0	0	0	

	Playground	Plaza	Pool	Portuguese Restaurant	Pub	Punjabi Restaurant	\
0	0	0	0		0	0	0
1	0	0	0		0	0	0
2	0	0	0		0	0	0
3	0	0	0		0	0	0
4	0	0	0		0	0	0

	Racetrack	Record Shop	Rental Car Location	Rest Area	Restaurant	Road	\
0	0	0		0	0	0	0
1	0	0		0	0	0	0
2	0	0		0	0	0	0
3	0	0		0	0	0	0
4	0	0		0	0	0	0

	Sake Bar	Salad Place	Salon / Barbershop	Sandwich Place	\
0	0	0	0	1	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	

	Scandinavian Restaurant	Sculpture Garden	Seafood Restaurant	Shoe Store	\
0		0	0	0	0
1		0	0	0	0
2		0	0	0	0
3		0	0	0	0
4		0	0	0	0

	Shop & Service	Shopping Mall	Smoke Shop	Snack Place	Soccer Field	\
0		0	0	0	0	
1		0	0	0	0	
2		0	0	0	0	
3		0	0	0	0	
4		0	0	0	0	

	Soccer Stadium	South Indian Restaurant	Spa	Sporting Goods Shop	\
0	0		0	0	0
1	0		0	0	0
2	0		0	0	0
3	0		0	0	0
4	0		0	0	0

	Sports Bar	Stadium	Steakhouse	Sushi Restaurant	Tapas Restaurant	\
0	0	0	0		0	0
1	0	0	0		0	0
2	0	0	0		0	0
3	0	0	0		0	0
4	0	0	0		0	0

	Tea Room	Temple	Tex-Mex Restaurant	Thai Restaurant	Theater	Theme Park	\
0	0	0		0	0	0	
1	0	0		0	0	0	
2	0	0		0	0	0	
3	0	0		0	0	0	
4	0	0		0	0	0	

	Tibetan Restaurant	Toy / Game Store	Trail	Train Station	\
0		0	0	0	
1		0	0	0	
2		0	0	0	
3		0	0	0	

4	0	0	0	0
	Turkish Restaurant	Udupi Restaurant	Vegetarian / Vegan Restaurant	\
0	0	0		0
1	0	0		0
2	0	0		0
3	0	0		0
4	0	0		0

	Vietnamese Restaurant	Weight Loss Center	Whisky Bar	Wine Bar	\
0	0	0	0	0	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	

	Wings Joint	Women's Store	Yoga Studio
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0

In [490]: New_Delhi_grouped = new_Delhi_onehot.groupby('Locality').mean().reset_index()
New_Delhi_grouped

Out[490]:

	Locality	ATM	\
0	ARSS Mall, Paschim Vihar	0.111111	
1	Adchini	0.000000	
2	Aditya Mega Mall, Karkardooma	0.000000	
3	Aerocity	0.000000	
4	Aggarwal City Mall, Pitampura	0.000000	
5	Aggarwal City Plaza, Rohini	0.000000	
6	Alaknanda	0.000000	
7	Ambience Mall, Vasant Kunj	0.000000	
8	Anand Lok	0.000000	
9	Anand Vihar	0.000000	
10	Andaz Delhi, Aerocity	0.000000	
11	Ansal Plaza Mall, Khel Gaon Marg	0.000000	
12	Asaf Ali Road	0.000000	
13	Ashok Vihar Phase 1	0.000000	
14	Ashok Vihar Phase 2	0.000000	
15	Ashok Vihar Phase 3	0.000000	
16	Barakhamba Road	0.000000	
17	Basant Lok Market, Vasant Vihar	0.000000	
18	Bellagio, Ashok Vihar Phase 2	0.000000	
19	Best Western Taurus Hotel, Mahipalpur	0.000000	
20	Bhikaji Cama Place	0.000000	

21	Chanakyapuri	0.000000
22	Chander Nagar	0.000000
23	Chandni Chowk	0.000000
24	Chawri Bazar	0.000000
25	Chhatarpur	0.000000
26	Chittaranjan Park	0.000000
27	City Centre Mall, Rohini	0.000000
28	City Square Mall, Rajouri Garden	0.000000
29	Civil Lines	0.000000
30	Community Centre, New Friends Colony	0.000000
31	Connaught Place	0.000000
32	Crescent Square Mall, Rohini	0.000000
33	Cross River Mall, Karkardooma	0.000000
34	Crowne Plaza Hotel, Rohini	0.000000
35	Crowne Plaza, Mayur Vihar Phase 1	0.000000
36	D Mall, Netaji Subhash Place	0.000000
37	DDA Market, Kalu Sarai, Hauz Khas	0.000000
38	DLF City Centre Mall, Shalimar Bagh	0.000000
39	DLF Emporio Mall, Vasant Kunj	0.000000
40	DLF Place Mall, Saket	0.000000
41	DLF Promenade Mall, Vasant Kunj	0.000000
42	DLF South Square, Sarojini Nagar	0.000000
43	Daryaganj	0.000000
44	Defence Colony	0.000000
45	Delhi University-GTB Nagar	0.000000
46	Dilli Haat, INA	0.000000
47	Dilshad Garden	0.000000
48	District Centre, Janakpuri	0.000000
49	Dr. Zakir Hussain Marg	0.000000
50	East Patel Nagar	0.000000
51	East of Kailash	0.000000
52	Epicuria Food Mall, Nehru Place	0.000000
53	Eros Hotel, Nehru Place	0.000000
54	Essex Farms	0.000000
55	Feroze Shah Road	0.000000
56	Friends Colony	0.000000
57	GTB Nagar	0.000000
58	Garden of Five Senses, Saket	0.000000
59	Geeta Colony	0.000000
60	Ginger Hotel, Vivek Vihar	0.000000
61	Gourmet Hub, Pashim Vihar	0.000000
62	Greater Kailash (GK) 1	0.000000
63	Greater Kailash (GK) 2	0.000000
64	Greater Kailash (GK) 3	0.000000
65	Green Park	0.000000
66	Gujranwala Town	0.000000
67	Hauz Khas	0.000000
68	Hauz Khas Village	0.000000

69	Holiday Inn, Aerocity	0.000000
70	Holiday Inn, Mayur Vihar	0.000000
71	Hotel Broadway, Daryaganj	0.000000
72	Hotel City Park, Pitampura	0.000000
73	Hotel Regent Grand, Karol Bagh	0.000000
74	Hotel The Royal Plaza, Janpath	0.000000
75	Hyatt Regency, Bhikaji Cama Place	0.000000
76	INA	0.000000
77	IP Extension	0.000000
78	ITC Maurya, Chanakyapuri	0.000000
79	ITO	0.000000
80	India Gate	0.000000
81	JMD Kohinoor Mall, Greater Kailash	0.000000
82	JNU	0.000000
83	JW Marriott New Delhi	0.000000
84	Jail Road	0.000000
85	Jama Masjid	0.000000
86	Janakpuri	0.000000
87	Jangpura	0.000000
88	Janpath	0.000000
89	Jasola	0.000000
90	Jaypee Siddharth, Rajendra Place	0.000000
91	Jaypee Vasant Continental, Vasant Vihar	0.000000
92	Jor Bagh	0.000000
93	Kailash Colony	0.000000
94	Kalkaji	0.000000
95	Kamla Nagar	0.000000
96	Kapashera	0.000000
97	Karampura	0.000000
98	Karkardooma	0.000000
99	Karol Bagh	0.000000
100	Kasbah, Greater Kailash (GK) 1	0.000000
101	Kashmiri Gate	0.000000
102	Khan Market	0.000000
103	Kirti Nagar	0.000000
104	Krishna Nagar	0.000000
105	Lado Sarai	0.000000
106	Lajpat Nagar 1	0.000000
107	Lajpat Nagar 2	0.000000
108	Lajpat Nagar 4	0.000000
109	Lawrence Road	0.000000
110	Laxmi Nagar	0.000000
111	Le Meridien, Janpath	0.000000
112	Lemon Tree Premier, Aerocity	0.000000
113	Living Style Mall, Jasola	0.000000
114	Lodhi Colony	0.000000
115	Lodhi Road	0.000000
116	MG Road	0.000000

117	MGF Metropolitan Mall, Saket	0.000000
118	MGM Club, Daryaganj	0.000000
119	Mahipalpur	0.000000
120	Maidens Hotel, Civil Lines	0.000000
121	Majnu ka Tila	0.000000
122	Malviya Nagar	0.000000
123	Mandi House	0.000000
124	Mathura Road	0.000000
125	Mayapuri Phase 2	0.000000
126	Mayur Vihar Phase 1	0.250000
127	Mayur Vihar Phase 2	0.000000
128	Mayur Vihar Phase 3	0.000000
129	Mehrauli	0.000000
130	Metro Walk Mall, Rohini	0.000000
131	Model Town 1	0.000000
132	Model Town 2	0.000000
133	Model Town 3	0.000000
134	Moments Mall, Kirti Nagar	0.000000
135	Moti Bagh	0.000000
136	Moti Nagar	0.000000
137	Mukherjee Nagar	0.000000
138	Munirka	0.000000
139	Najafgarh	0.250000
140	Naraina	0.000000
141	Nehru Place	0.000000
142	Netaji Subhash Place	0.000000
143	New Friends Colony	0.000000
144	Nizamuddin	0.000000
145	Okhla Phase 1	0.000000
146	Okhla Phase 2	0.000000
147	PVR Anupam Complex	0.000000
148	Pacific Mall, Tagore Garden	0.000000
149	Paharganj	0.000000
150	Palam	0.000000
151	Palate of Delhi, Chanakyapuri	0.000000
152	Panchsheel Park	0.000000
153	Pandara Road Market	0.000000
154	Pandav Nagar	0.000000
155	Paschim Vihar	0.000000
156	Patparganj	0.000000
157	Piccadily Hotel, Janakpuri	0.000000
158	Pitampura	0.000000
159	Pragati Maidan	0.000000
160	Prashant Vihar	0.000000
161	Preet Vihar	0.000000
162	Premier Inn, Shalimar Bagh	0.000000
163	Pride Plaza Hotel, Aerocity	0.000000
164	Punjabi Bagh	0.000000

165	Qutab Institutional Area	0.000000
166	R K Puram	0.000000
167	Race Course	0.000000
168	Radisson Blu Plaza Delhi, Mahipalpur	0.000000
169	Radisson Blu, Paschim Vihar	0.000000
170	Rajendra Place	0.000000
171	Rajinder Nagar	0.000000
172	Rajouri Garden	0.000000
173	Rohini	0.000000
174	Roseate House, Aerocity	0.000000
175	SDA	0.000000
176	Safdarjung	0.000000
177	Sainik Farms	0.000000
178	Saket	0.000000
179	Sangam Courtyard, RK Puram	0.000000
180	Sarita Vihar	0.000000
181	Sarojini Nagar	0.000000
182	Satyaniketan	0.000000
183	Sector 15, Dwarka	0.000000
184	Select Citywalk Mall, Saket	0.000000
185	Shahdara	0.000000
186	Shahpur Jat	0.000000
187	Shakarpur	0.000000
188	Shalimar Bagh	0.000000
189	Shangri La's - Eros hotel, Janpath	0.000000
190	Shanti Niketan Marg	0.000000
191	Sheikh Sarai	0.000000
192	Sheraton New Delhi Hotel, Saket	0.000000
193	South Extension 1	0.000000
194	South Extension 2	0.000000
195	Southern Park Mall, Saket	0.000000
196	Spark Mall, Kamla Nagar	0.000000
197	Star City Mall, Mayur Vihar Phase 1	0.000000
198	Subhash Nagar	0.000000
199	Sunder Nagar	0.000000
200	T3 Domestic Arrival, Aerocity	0.000000
201	TDI Mall, Rajouri Garden	0.000000
202	Tagore Garden	0.000000
203	Taj Vivanta, Khan Market	0.000000
204	The Ashok, Chanakyapuri	0.000000
205	The Claridges, Aurangzeb Road	0.000000
206	The Grand New Delhi, Vasant Kunj	0.000000
207	The Imperial, Janpath	0.000000
208	The India Mall, New Friends Colony	0.000000
209	The Lalit New Delhi, Barakhamba Road	0.000000
210	The Leela Ambience Convention Hotel	0.000000
211	The Leela Palace, Chanakyapuri	0.000000
212	The Lodhi, Lodhi Road	0.000000

213	The Park, Connaught Place	0.000000
214	The Suryaa New Delhi, New Friends Colony	0.000000
215	The Taj Mahal Hotel, Mansingh Road	0.000000
216	The Taj Palace Hotel, Chanakyapuri	0.000000
217	The Uppal, Aerocity	0.000000
218	The Village Restaurant Complex, Khel Gaon Marg	0.000000
219	Tilak Nagar	0.000000
220	Tughlakabad Institutional Area	0.000000
221	Uday Park	0.000000
222	Unity One Mall, Janakpuri	0.000000
223	Uttam Nagar	0.000000
224	V3S Mall, Laxmi Nagar	0.000000
225	Vasant Kunj	0.000000
226	Vasant Square Mall, Vasant Kunj	0.000000
227	Vasant Vihar	0.000000
228	Vasundhara Enclave	0.000000
229	Vijay Nagar	0.000000
230	Vikas Marg	0.000000
231	Vikaspuri	0.000000
232	Vivek Vihar	0.000000
233	West End Mall, Janak Puri	0.000000
234	West Gate Mall, Rajouri Garden	0.000000
235	West Patel Nagar	0.000000
236	Worldmark 1, Aerocity	0.000000
237	Yusuf Sarai	0.000000
238	ibis New Delhi, Aerocity	0.000000

	Accessories Store	Afghan Restaurant	African Restaurant	Airport \
0	0.000000	0.000000	0.0	0.000000
1	0.000000	0.000000	0.0	0.000000
2	0.000000	0.000000	0.0	0.000000
3	0.000000	0.000000	0.0	0.000000
4	0.000000	0.000000	0.0	0.000000
5	0.000000	0.000000	0.0	0.000000
6	0.000000	0.000000	0.0	0.000000
7	0.000000	0.000000	0.0	0.000000
8	0.000000	0.000000	0.0	0.000000
9	0.000000	0.000000	0.0	0.000000
10	0.000000	0.000000	0.0	0.000000
11	0.000000	0.000000	0.0	0.000000
12	0.000000	0.000000	0.0	0.000000
13	0.000000	0.000000	0.0	0.000000
14	0.000000	0.000000	0.0	0.000000
15	0.000000	0.000000	0.0	0.000000
16	0.000000	0.000000	0.0	0.000000
17	0.000000	0.000000	0.0	0.000000
18	0.000000	0.000000	0.0	0.000000
19	0.076923	0.000000	0.0	0.000000

20	0.000000	0.000000	0.0	0.000000
21	0.000000	0.000000	0.2	0.000000
22	0.000000	0.000000	0.0	0.000000
23	0.000000	0.000000	0.0	0.000000
24	0.000000	0.000000	0.0	0.000000
25	0.000000	0.000000	0.0	0.000000
26	0.000000	0.000000	0.0	0.000000
27	0.000000	0.000000	0.0	0.000000
28	0.000000	0.000000	0.0	0.000000
29	0.000000	0.000000	0.0	0.000000
30	0.000000	0.000000	0.0	0.000000
31	0.000000	0.000000	0.0	0.000000
32	0.000000	0.000000	0.0	0.000000
33	0.000000	0.000000	0.0	0.000000
34	0.000000	0.000000	0.0	0.000000
35	0.000000	0.000000	0.0	0.000000
36	0.000000	0.000000	0.0	0.000000
37	0.000000	0.000000	0.0	0.000000
38	0.000000	0.000000	0.0	0.000000
39	0.000000	0.000000	0.0	0.000000
40	0.000000	0.000000	0.0	0.000000
41	0.000000	0.000000	0.0	0.000000
42	0.000000	0.000000	0.0	0.000000
43	0.000000	0.000000	0.0	0.000000
44	0.000000	0.000000	0.0	0.000000
45	0.000000	0.000000	0.0	0.000000
46	0.000000	0.000000	0.0	0.000000
47	0.000000	0.000000	0.0	0.000000
48	0.000000	0.000000	0.0	0.000000
49	0.000000	0.000000	0.0	0.000000
50	0.000000	0.000000	0.0	0.000000
51	0.000000	0.000000	0.0	0.000000
52	0.000000	0.000000	0.0	0.000000
53	0.000000	0.000000	0.0	0.000000
54	0.000000	0.000000	0.0	0.000000
55	0.000000	0.000000	0.0	0.000000
56	0.000000	0.000000	0.0	0.000000
57	0.000000	0.000000	0.0	0.000000
58	0.000000	0.000000	0.0	0.000000
59	0.000000	0.000000	0.0	0.000000
60	0.000000	0.000000	0.0	0.000000
61	0.000000	0.000000	0.0	0.000000
62	0.000000	0.000000	0.0	0.000000
63	0.000000	0.000000	0.0	0.000000
64	0.000000	0.000000	0.0	0.000000
65	0.000000	0.000000	0.0	0.000000
66	0.000000	0.000000	0.0	0.000000
67	0.000000	0.000000	0.0	0.000000

68	0.000000	0.000000	0.0	0.000000
69	0.032258	0.000000	0.0	0.000000
70	0.000000	0.000000	0.0	0.000000
71	0.000000	0.000000	0.0	0.000000
72	0.000000	0.000000	0.0	0.000000
73	0.000000	0.000000	0.0	0.000000
74	0.000000	0.000000	0.0	0.000000
75	0.000000	0.000000	0.0	0.000000
76	0.000000	0.000000	0.0	0.000000
77	0.000000	0.000000	0.0	0.000000
78	0.000000	0.000000	0.0	0.000000
79	0.000000	0.000000	0.0	0.000000
80	0.000000	0.000000	0.0	0.000000
81	0.000000	0.000000	0.0	0.000000
82	0.000000	0.000000	0.0	0.000000
83	0.000000	0.000000	0.0	0.000000
84	0.000000	0.000000	0.0	0.000000
85	0.000000	0.000000	0.0	0.000000
86	0.000000	0.000000	0.0	0.000000
87	0.000000	0.000000	0.0	0.000000
88	0.000000	0.000000	0.0	0.000000
89	0.000000	0.000000	0.0	0.000000
90	0.000000	0.000000	0.0	0.000000
91	0.000000	0.000000	0.0	0.000000
92	0.000000	0.000000	0.0	0.000000
93	0.000000	0.000000	0.0	0.000000
94	0.000000	0.000000	0.0	0.000000
95	0.000000	0.000000	0.0	0.000000
96	0.000000	0.000000	0.0	0.000000
97	0.000000	0.000000	0.0	0.000000
98	0.000000	0.000000	0.0	0.000000
99	0.000000	0.000000	0.0	0.000000
100	0.000000	0.000000	0.0	0.000000
101	0.000000	0.000000	0.0	0.000000
102	0.000000	0.000000	0.0	0.000000
103	0.000000	0.000000	0.0	0.000000
104	0.250000	0.000000	0.0	0.000000
105	0.000000	0.000000	0.0	0.000000
106	0.000000	0.000000	0.0	0.000000
107	0.000000	0.038462	0.0	0.000000
108	0.000000	0.000000	0.0	0.000000
109	0.000000	0.000000	0.0	0.000000
110	0.000000	0.000000	0.0	0.000000
111	0.000000	0.000000	0.0	0.000000
112	0.000000	0.000000	0.0	0.000000
113	0.000000	0.000000	0.0	0.000000
114	0.000000	0.000000	0.0	0.000000
115	0.000000	0.000000	0.0	0.000000

116	0.000000	0.000000	0.0	0.000000
117	0.000000	0.000000	0.0	0.000000
118	0.000000	0.000000	0.0	0.000000
119	0.076923	0.000000	0.0	0.000000
120	0.000000	0.000000	0.0	0.000000
121	0.000000	0.000000	0.0	0.000000
122	0.000000	0.000000	0.0	0.000000
123	0.000000	0.000000	0.0	0.000000
124	0.000000	0.000000	0.0	0.000000
125	0.000000	0.000000	0.0	0.000000
126	0.000000	0.000000	0.0	0.000000
127	0.000000	0.000000	0.0	0.000000
128	0.000000	0.000000	0.0	0.000000
129	0.000000	0.000000	0.0	0.000000
130	0.000000	0.000000	0.0	0.000000
131	0.000000	0.000000	0.0	0.000000
132	0.000000	0.000000	0.0	0.000000
133	0.000000	0.000000	0.0	0.000000
134	0.000000	0.000000	0.0	0.000000
135	0.000000	0.000000	0.0	0.000000
136	0.000000	0.000000	0.0	0.000000
137	0.000000	0.000000	0.0	0.000000
138	0.000000	0.000000	0.0	0.000000
139	0.000000	0.000000	0.0	0.000000
140	0.000000	0.000000	0.0	0.000000
141	0.000000	0.000000	0.0	0.000000
142	0.000000	0.000000	0.0	0.000000
143	0.000000	0.000000	0.0	0.000000
144	0.000000	0.000000	0.0	0.000000
145	0.000000	0.000000	0.0	0.000000
146	0.000000	0.000000	0.0	0.000000
147	0.000000	0.000000	0.0	0.000000
148	0.000000	0.000000	0.0	0.000000
149	0.000000	0.000000	0.0	0.000000
150	0.000000	0.000000	0.0	0.000000
151	0.000000	0.000000	0.0	0.000000
152	0.000000	0.000000	0.0	0.000000
153	0.000000	0.000000	0.0	0.000000
154	0.000000	0.000000	0.0	0.000000
155	0.000000	0.000000	0.0	0.000000
156	0.000000	0.000000	0.0	0.000000
157	0.000000	0.000000	0.0	0.000000
158	0.000000	0.000000	0.0	0.000000
159	0.000000	0.000000	0.0	0.000000
160	0.000000	0.000000	0.0	0.000000
161	0.000000	0.000000	0.0	0.000000
162	0.000000	0.000000	0.0	0.000000
163	0.000000	0.000000	0.0	0.000000

164	0.000000	0.000000	0.0	0.000000
165	0.000000	0.000000	0.0	0.000000
166	0.000000	0.000000	0.0	0.000000
167	0.000000	0.000000	0.0	0.000000
168	0.000000	0.000000	0.0	0.000000
169	0.000000	0.000000	0.0	0.000000
170	0.000000	0.000000	0.0	0.000000
171	0.000000	0.000000	0.0	0.000000
172	0.000000	0.000000	0.0	0.000000
173	0.000000	0.000000	0.0	0.000000
174	0.000000	0.000000	0.0	0.000000
175	0.000000	0.000000	0.0	0.000000
176	0.000000	0.000000	0.0	0.000000
177	0.000000	0.000000	0.0	0.000000
178	0.000000	0.000000	0.0	0.000000
179	0.000000	0.000000	0.0	0.000000
180	0.000000	0.000000	0.0	0.000000
181	0.000000	0.000000	0.0	0.000000
182	0.000000	0.000000	0.0	0.000000
183	0.000000	0.000000	0.0	0.000000
184	0.000000	0.000000	0.0	0.000000
185	0.000000	0.000000	0.0	0.000000
186	0.000000	0.000000	0.0	0.000000
187	0.000000	0.000000	0.0	0.000000
188	0.000000	0.000000	0.0	0.000000
189	0.000000	0.000000	0.0	0.000000
190	0.000000	0.000000	0.0	0.000000
191	0.000000	0.000000	0.0	0.000000
192	0.000000	0.000000	0.0	0.000000
193	0.000000	0.000000	0.0	0.000000
194	0.000000	0.000000	0.0	0.000000
195	0.000000	0.000000	0.0	0.000000
196	0.000000	0.000000	0.0	0.000000
197	0.000000	0.000000	0.0	0.000000
198	0.000000	0.000000	0.0	0.000000
199	0.000000	0.000000	0.0	0.000000
200	0.000000	0.000000	0.0	0.090909
201	0.000000	0.000000	0.0	0.000000
202	0.000000	0.000000	0.0	0.000000
203	0.000000	0.000000	0.0	0.000000
204	0.000000	0.000000	0.0	0.000000
205	0.000000	0.000000	0.0	0.000000
206	0.000000	0.000000	0.0	0.000000
207	0.000000	0.000000	0.0	0.000000
208	0.000000	0.000000	0.0	0.000000
209	0.000000	0.000000	0.0	0.000000
210	0.000000	0.000000	0.0	0.000000
211	0.000000	0.000000	0.0	0.000000

212	0.000000	0.000000	0.0	0.000000
213	0.000000	0.000000	0.0	0.000000
214	0.000000	0.000000	0.0	0.000000
215	0.000000	0.000000	0.0	0.000000
216	0.000000	0.000000	0.0	0.000000
217	0.000000	0.000000	0.0	0.000000
218	0.000000	0.000000	0.0	0.000000
219	0.000000	0.000000	0.0	0.000000
220	0.000000	0.000000	0.0	0.000000
221	0.000000	0.000000	0.0	0.000000
222	0.000000	0.000000	0.0	0.000000
223	0.000000	0.000000	0.0	0.000000
224	0.000000	0.000000	0.0	0.000000
225	0.000000	0.000000	0.0	0.000000
226	0.000000	0.000000	0.0	0.000000
227	0.000000	0.000000	0.0	0.000000
228	0.000000	0.000000	0.0	0.000000
229	0.000000	0.000000	0.0	0.000000
230	0.000000	0.000000	0.0	0.000000
231	0.000000	0.000000	0.0	0.000000
232	0.000000	0.000000	0.0	0.000000
233	0.000000	0.000000	0.0	0.000000
234	0.000000	0.000000	0.0	0.000000
235	0.000000	0.000000	0.0	0.000000
236	0.033333	0.000000	0.0	0.000000
237	0.000000	0.000000	0.0	0.000000
238	0.000000	0.000000	0.0	0.000000

	Airport Food Court	Airport Lounge	Airport Service	Airport Terminal \
0	0.0	0.000000	0.000000	0.000000
1	0.0	0.000000	0.000000	0.000000
2	0.0	0.000000	0.000000	0.000000
3	0.0	0.142857	0.000000	0.142857
4	0.0	0.000000	0.000000	0.000000
5	0.0	0.000000	0.000000	0.000000
6	0.0	0.000000	0.000000	0.000000
7	0.0	0.000000	0.000000	0.000000
8	0.0	0.000000	0.000000	0.000000
9	0.0	0.000000	0.000000	0.000000
10	0.0	0.000000	0.000000	0.000000
11	0.0	0.000000	0.000000	0.000000
12	0.0	0.000000	0.000000	0.000000
13	0.0	0.000000	0.000000	0.000000
14	0.0	0.000000	0.000000	0.000000
15	0.0	0.000000	0.000000	0.000000
16	0.0	0.000000	0.000000	0.000000
17	0.0	0.000000	0.000000	0.000000
18	0.0	0.000000	0.000000	0.000000

19	0.0	0.000000	0.000000	0.000000
20	0.0	0.000000	0.000000	0.000000
21	0.0	0.000000	0.000000	0.000000
22	0.0	0.000000	0.000000	0.000000
23	0.0	0.000000	0.000000	0.000000
24	0.0	0.000000	0.000000	0.000000
25	0.0	0.000000	0.000000	0.000000
26	0.0	0.000000	0.000000	0.000000
27	0.0	0.000000	0.000000	0.000000
28	0.0	0.000000	0.000000	0.000000
29	0.0	0.000000	0.000000	0.000000
30	0.0	0.000000	0.000000	0.000000
31	0.0	0.000000	0.000000	0.000000
32	0.0	0.000000	0.000000	0.000000
33	0.0	0.000000	0.000000	0.000000
34	0.0	0.000000	0.000000	0.000000
35	0.0	0.000000	0.000000	0.000000
36	0.0	0.000000	0.000000	0.000000
37	0.0	0.000000	0.000000	0.000000
38	0.0	0.000000	0.000000	0.000000
39	0.0	0.000000	0.000000	0.000000
40	0.0	0.000000	0.000000	0.000000
41	0.0	0.000000	0.000000	0.000000
42	0.0	0.000000	0.000000	0.000000
43	0.0	0.000000	0.000000	0.000000
44	0.0	0.000000	0.000000	0.000000
45	0.0	0.000000	0.000000	0.000000
46	0.0	0.000000	0.000000	0.000000
47	0.0	0.000000	0.000000	0.000000
48	0.0	0.000000	0.000000	0.000000
49	0.0	0.000000	0.000000	0.000000
50	0.0	0.000000	0.000000	0.000000
51	0.0	0.000000	0.000000	0.000000
52	0.0	0.000000	0.000000	0.000000
53	0.0	0.000000	0.000000	0.000000
54	0.0	0.000000	0.000000	0.000000
55	0.0	0.000000	0.000000	0.000000
56	0.0	0.000000	0.000000	0.000000
57	0.0	0.000000	0.000000	0.000000
58	0.0	0.000000	0.000000	0.000000
59	0.0	0.000000	0.000000	0.000000
60	0.0	0.000000	0.000000	0.000000
61	0.0	0.000000	0.000000	0.000000
62	0.0	0.000000	0.000000	0.000000
63	0.0	0.000000	0.000000	0.000000
64	0.0	0.000000	0.000000	0.000000
65	0.0	0.000000	0.000000	0.000000
66	0.0	0.000000	0.000000	0.000000

67	0.0	0.000000	0.000000	0.000000
68	0.0	0.000000	0.000000	0.000000
69	0.0	0.000000	0.000000	0.000000
70	0.0	0.000000	0.000000	0.000000
71	0.0	0.000000	0.000000	0.000000
72	0.0	0.000000	0.000000	0.000000
73	0.0	0.000000	0.000000	0.000000
74	0.0	0.000000	0.000000	0.000000
75	0.0	0.000000	0.000000	0.000000
76	0.0	0.000000	0.000000	0.000000
77	0.0	0.000000	0.000000	0.000000
78	0.0	0.000000	0.000000	0.000000
79	0.0	0.000000	0.000000	0.000000
80	0.0	0.000000	0.000000	0.000000
81	0.0	0.000000	0.000000	0.000000
82	0.2	0.000000	0.000000	0.000000
83	0.0	0.000000	0.000000	0.000000
84	0.0	0.000000	0.000000	0.000000
85	0.0	0.000000	0.000000	0.000000
86	0.0	0.000000	0.000000	0.000000
87	0.0	0.000000	0.000000	0.000000
88	0.0	0.000000	0.000000	0.000000
89	0.0	0.000000	0.000000	0.000000
90	0.0	0.000000	0.000000	0.000000
91	0.0	0.000000	0.000000	0.000000
92	0.0	0.000000	0.000000	0.000000
93	0.0	0.000000	0.000000	0.000000
94	0.0	0.000000	0.000000	0.000000
95	0.0	0.000000	0.000000	0.000000
96	0.0	0.000000	0.000000	0.000000
97	0.0	0.000000	0.000000	0.000000
98	0.0	0.000000	0.000000	0.000000
99	0.0	0.000000	0.000000	0.000000
100	0.0	0.000000	0.000000	0.000000
101	0.0	0.000000	0.000000	0.000000
102	0.0	0.000000	0.000000	0.000000
103	0.0	0.000000	0.000000	0.000000
104	0.0	0.000000	0.000000	0.000000
105	0.0	0.000000	0.000000	0.000000
106	0.0	0.000000	0.000000	0.000000
107	0.0	0.000000	0.000000	0.000000
108	0.0	0.000000	0.000000	0.000000
109	0.0	0.000000	0.000000	0.000000
110	0.0	0.000000	0.000000	0.000000
111	0.0	0.000000	0.000000	0.000000
112	0.0	0.000000	0.000000	0.000000
113	0.0	0.000000	0.000000	0.000000
114	0.0	0.000000	0.000000	0.000000

66

163	0.0	0.000000	0.000000	0.000000
164	0.0	0.000000	0.000000	0.000000
165	0.0	0.000000	0.000000	0.000000
166	0.0	0.000000	0.000000	0.000000
167	0.0	0.000000	0.000000	0.000000
168	0.0	0.000000	0.000000	0.000000
169	0.0	0.000000	0.000000	0.000000
170	0.0	0.000000	0.000000	0.000000
171	0.0	0.000000	0.000000	0.000000
172	0.0	0.000000	0.000000	0.000000
173	0.0	0.000000	0.000000	0.000000
174	0.0	0.000000	0.000000	0.000000
175	0.0	0.000000	0.000000	0.000000
176	0.0	0.000000	0.000000	0.000000
177	0.0	0.000000	0.000000	0.000000
178	0.0	0.000000	0.000000	0.000000
179	0.0	0.000000	0.000000	0.000000
180	0.0	0.000000	0.000000	0.000000
181	0.0	0.000000	0.000000	0.000000
182	0.0	0.000000	0.000000	0.000000
183	0.0	0.000000	0.000000	0.000000
184	0.0	0.000000	0.000000	0.000000
185	0.0	0.000000	0.000000	0.000000
186	0.0	0.000000	0.000000	0.000000
187	0.0	0.000000	0.000000	0.000000
188	0.0	0.000000	0.000000	0.000000
189	0.0	0.000000	0.000000	0.000000
190	0.0	0.000000	0.000000	0.000000
191	0.0	0.000000	0.000000	0.000000
192	0.0	0.000000	0.000000	0.000000
193	0.0	0.000000	0.000000	0.000000
194	0.0	0.000000	0.000000	0.000000
195	0.0	0.000000	0.000000	0.000000
196	0.0	0.000000	0.000000	0.000000
197	0.0	0.000000	0.000000	0.000000
198	0.0	0.000000	0.000000	0.000000
199	0.0	0.000000	0.000000	0.000000
200	0.0	0.000000	0.090909	0.000000
201	0.0	0.000000	0.000000	0.000000
202	0.0	0.000000	0.000000	0.000000
203	0.0	0.000000	0.000000	0.000000
204	0.0	0.000000	0.000000	0.000000
205	0.0	0.000000	0.000000	0.000000
206	0.0	0.000000	0.000000	0.000000
207	0.0	0.000000	0.000000	0.000000
208	0.0	0.000000	0.000000	0.000000
209	0.0	0.000000	0.000000	0.000000
210	0.0	0.000000	0.000000	0.000000

211	0.0	0.000000	0.000000	0.000000
212	0.0	0.000000	0.000000	0.000000
213	0.0	0.000000	0.000000	0.000000
214	0.0	0.000000	0.000000	0.000000
215	0.0	0.000000	0.000000	0.000000
216	0.0	0.000000	0.000000	0.000000
217	0.0	0.000000	0.000000	0.000000
218	0.0	0.000000	0.000000	0.000000
219	0.0	0.000000	0.000000	0.000000
220	0.0	0.000000	0.000000	0.000000
221	0.0	0.000000	0.000000	0.000000
222	0.0	0.000000	0.000000	0.000000
223	0.0	0.000000	0.000000	0.000000
224	0.0	0.000000	0.000000	0.000000
225	0.0	0.000000	0.000000	0.000000
226	0.0	0.000000	0.000000	0.000000
227	0.0	0.000000	0.000000	0.000000
228	0.0	0.000000	0.000000	0.000000
229	0.0	0.000000	0.000000	0.000000
230	0.0	0.000000	0.000000	0.000000
231	0.0	0.000000	0.000000	0.000000
232	0.0	0.000000	0.000000	0.000000
233	0.0	0.000000	0.000000	0.000000
234	0.0	0.000000	0.000000	0.000000
235	0.0	0.000000	0.000000	0.000000
236	0.0	0.000000	0.000000	0.000000
237	0.0	0.000000	0.000000	0.000000
238	0.0	0.000000	0.000000	0.000000

	American Restaurant	Arcade	Art Gallery	Art Museum \
0	0.000000	0.000000	0.000000	0.000000
1	0.000000	0.000000	0.000000	0.000000
2	0.000000	0.000000	0.000000	0.000000
3	0.000000	0.000000	0.000000	0.000000
4	0.000000	0.000000	0.000000	0.000000
5	0.000000	0.000000	0.000000	0.000000
6	0.000000	0.000000	0.000000	0.000000
7	0.021739	0.000000	0.000000	0.000000
8	0.000000	0.000000	0.000000	0.000000
9	0.000000	0.000000	0.000000	0.000000
10	0.000000	0.000000	0.000000	0.000000
11	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000
14	0.000000	0.000000	0.000000	0.000000
15	0.000000	0.000000	0.000000	0.000000
16	0.000000	0.071429	0.071429	0.000000
17	0.000000	0.000000	0.000000	0.000000

18	0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000	0.000000
22	0.000000	0.000000	0.000000	0.000000
23	0.000000	0.000000	0.000000	0.000000
24	0.000000	0.000000	0.000000	0.000000
25	0.000000	0.000000	0.000000	0.000000
26	0.000000	0.000000	0.000000	0.000000
27	0.000000	0.000000	0.000000	0.000000
28	0.034483	0.000000	0.000000	0.000000
29	0.000000	0.000000	0.000000	0.000000
30	0.000000	0.000000	0.000000	0.000000
31	0.000000	0.000000	0.000000	0.000000
32	0.000000	0.000000	0.000000	0.000000
33	0.000000	0.000000	0.000000	0.000000
34	0.000000	0.000000	0.000000	0.000000
35	0.076923	0.076923	0.000000	0.000000
36	0.000000	0.000000	0.000000	0.000000
37	0.000000	0.000000	0.000000	0.000000
38	0.000000	0.000000	0.000000	0.000000
39	0.021739	0.000000	0.000000	0.000000
40	0.040000	0.000000	0.000000	0.000000
41	0.021739	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000	0.000000
43	0.000000	0.000000	0.000000	0.000000
44	0.000000	0.000000	0.000000	0.000000
45	0.083333	0.000000	0.000000	0.000000
46	0.000000	0.000000	0.000000	0.000000
47	0.000000	0.000000	0.000000	0.000000
48	0.000000	0.000000	0.000000	0.000000
49	0.000000	0.000000	0.000000	0.000000
50	0.000000	0.000000	0.000000	0.000000
51	0.000000	0.000000	0.000000	0.000000
52	0.000000	0.037037	0.000000	0.000000
53	0.000000	0.040000	0.000000	0.000000
54	0.000000	0.000000	0.000000	0.000000
55	0.000000	0.000000	0.000000	0.000000
56	0.000000	0.000000	0.000000	0.000000
57	0.000000	0.000000	0.000000	0.000000
58	0.000000	0.000000	0.000000	0.000000
59	0.000000	0.000000	0.000000	0.000000
60	0.000000	0.000000	0.000000	0.000000
61	0.000000	0.000000	0.000000	0.000000
62	0.000000	0.000000	0.000000	0.000000
63	0.000000	0.000000	0.000000	0.000000
64	0.000000	0.000000	0.000000	0.000000
65	0.000000	0.000000	0.000000	0.000000

66	0.000000	0.000000	0.000000	0.000000
67	0.000000	0.000000	0.000000	0.000000
68	0.038462	0.000000	0.038462	0.000000
69	0.000000	0.000000	0.000000	0.000000
70	0.058824	0.058824	0.000000	0.000000
71	0.000000	0.000000	0.000000	0.000000
72	0.000000	0.000000	0.000000	0.000000
73	0.000000	0.000000	0.000000	0.000000
74	0.000000	0.000000	0.000000	0.000000
75	0.000000	0.000000	0.000000	0.000000
76	0.000000	0.000000	0.000000	0.000000
77	0.000000	0.000000	0.000000	0.000000
78	0.000000	0.000000	0.000000	0.000000
79	0.000000	0.000000	0.000000	0.142857
80	0.000000	0.000000	0.000000	0.000000
81	0.000000	0.000000	0.000000	0.000000
82	0.000000	0.000000	0.000000	0.000000
83	0.000000	0.000000	0.000000	0.000000
84	0.000000	0.000000	0.000000	0.000000
85	0.000000	0.000000	0.000000	0.000000
86	0.000000	0.000000	0.000000	0.000000
87	0.000000	0.000000	0.000000	0.000000
88	0.000000	0.000000	0.000000	0.000000
89	0.000000	0.000000	0.000000	0.000000
90	0.000000	0.000000	0.000000	0.000000
91	0.000000	0.000000	0.000000	0.000000
92	0.000000	0.000000	0.000000	0.000000
93	0.000000	0.000000	0.000000	0.000000
94	0.000000	0.000000	0.000000	0.000000
95	0.000000	0.000000	0.000000	0.000000
96	0.000000	0.000000	0.000000	0.000000
97	0.000000	0.000000	0.000000	0.000000
98	0.000000	0.000000	0.000000	0.000000
99	0.000000	0.000000	0.000000	0.000000
100	0.000000	0.000000	0.000000	0.000000
101	0.166667	0.000000	0.000000	0.000000
102	0.000000	0.000000	0.000000	0.000000
103	0.000000	0.000000	0.000000	0.000000
104	0.000000	0.000000	0.000000	0.000000
105	0.000000	0.000000	0.000000	0.000000
106	0.000000	0.125000	0.000000	0.000000
107	0.000000	0.000000	0.000000	0.000000
108	0.000000	0.000000	0.000000	0.000000
109	0.000000	0.000000	0.000000	0.000000
110	0.000000	0.250000	0.000000	0.000000
111	0.000000	0.000000	0.000000	0.000000
112	0.000000	0.000000	0.000000	0.000000
113	0.000000	0.000000	0.000000	0.000000

114	0.000000	0.000000	0.000000	0.000000
115	0.000000	0.000000	0.000000	0.000000
116	0.000000	0.000000	0.000000	0.250000
117	0.041667	0.000000	0.000000	0.000000
118	0.000000	0.000000	0.000000	0.000000
119	0.076923	0.000000	0.000000	0.000000
120	0.000000	0.000000	0.000000	0.000000
121	0.000000	0.000000	0.000000	0.000000
122	0.000000	0.000000	0.000000	0.000000
123	0.000000	0.066667	0.133333	0.000000
124	0.000000	0.000000	0.000000	0.000000
125	0.000000	0.000000	0.000000	0.000000
126	0.000000	0.000000	0.000000	0.000000
127	0.000000	0.000000	0.000000	0.000000
128	0.000000	0.000000	0.000000	0.000000
129	0.000000	0.000000	0.000000	0.000000
130	0.000000	0.000000	0.000000	0.000000
131	0.000000	0.000000	0.000000	0.000000
132	0.000000	0.000000	0.000000	0.000000
133	0.000000	0.000000	0.000000	0.000000
134	0.000000	0.000000	0.000000	0.000000
135	0.000000	0.000000	0.000000	0.000000
136	0.000000	0.000000	0.000000	0.000000
137	0.000000	0.000000	0.000000	0.000000
138	0.000000	0.000000	0.000000	0.000000
139	0.000000	0.000000	0.000000	0.000000
140	0.000000	0.000000	0.000000	0.000000
141	0.000000	0.037037	0.000000	0.000000
142	0.000000	0.000000	0.000000	0.000000
143	0.000000	0.000000	0.000000	0.000000
144	0.000000	0.000000	0.000000	0.000000
145	0.000000	0.000000	0.000000	0.000000
146	0.000000	0.000000	0.000000	0.000000
147	0.000000	0.000000	0.000000	0.000000
148	0.000000	0.000000	0.000000	0.000000
149	0.000000	0.000000	0.000000	0.000000
150	0.000000	0.000000	0.000000	0.000000
151	0.000000	0.000000	0.000000	0.000000
152	0.200000	0.000000	0.000000	0.000000
153	0.000000	0.000000	0.062500	0.000000
154	0.000000	0.000000	0.000000	0.000000
155	0.000000	0.000000	0.000000	0.000000
156	0.000000	0.000000	0.000000	0.000000
157	0.000000	0.000000	0.000000	0.000000
158	0.000000	0.000000	0.000000	0.000000
159	0.000000	0.000000	0.000000	0.125000
160	0.000000	0.000000	0.000000	0.000000
161	0.000000	0.166667	0.000000	0.000000

162	0.000000	0.000000	0.000000	0.000000
163	0.000000	0.000000	0.000000	0.000000
164	0.000000	0.000000	0.000000	0.000000
165	0.000000	0.000000	0.000000	0.000000
166	0.000000	0.000000	0.000000	0.000000
167	0.000000	0.000000	0.000000	0.000000
168	0.166667	0.000000	0.000000	0.000000
169	0.000000	0.000000	0.000000	0.000000
170	0.000000	0.000000	0.000000	0.000000
171	0.000000	0.000000	0.000000	0.000000
172	0.000000	0.000000	0.000000	0.000000
173	0.000000	0.000000	0.000000	0.000000
174	0.000000	0.000000	0.000000	0.000000
175	0.000000	0.000000	0.000000	0.000000
176	0.071429	0.000000	0.000000	0.000000
177	0.000000	0.000000	0.000000	0.000000
178	0.066667	0.000000	0.000000	0.000000
179	0.000000	0.000000	0.000000	0.000000
180	0.000000	0.000000	0.000000	0.000000
181	0.000000	0.000000	0.000000	0.000000
182	0.000000	0.000000	0.000000	0.000000
183	0.000000	0.000000	0.000000	0.000000
184	0.040000	0.000000	0.000000	0.000000
185	0.000000	0.000000	0.000000	0.000000
186	0.000000	0.000000	0.000000	0.000000
187	0.000000	0.000000	0.000000	0.000000
188	0.000000	0.000000	0.000000	0.000000
189	0.000000	0.000000	0.000000	0.000000
190	0.000000	0.000000	0.000000	0.000000
191	0.000000	0.000000	0.000000	0.000000
192	0.048387	0.000000	0.000000	0.000000
193	0.066667	0.000000	0.000000	0.000000
194	0.000000	0.000000	0.000000	0.000000
195	0.041667	0.000000	0.000000	0.000000
196	0.000000	0.000000	0.000000	0.000000
197	0.058824	0.058824	0.000000	0.000000
198	0.000000	0.000000	0.000000	0.000000
199	0.000000	0.000000	0.000000	0.000000
200	0.000000	0.000000	0.000000	0.000000
201	0.037037	0.000000	0.000000	0.000000
202	0.000000	0.000000	0.000000	0.000000
203	0.000000	0.000000	0.000000	0.000000
204	0.000000	0.000000	0.000000	0.000000
205	0.000000	0.000000	0.000000	0.000000
206	0.040000	0.000000	0.000000	0.000000
207	0.000000	0.000000	0.000000	0.000000
208	0.000000	0.000000	0.000000	0.000000
209	0.000000	0.000000	0.000000	0.000000

210	0.000000	0.000000	0.000000	0.000000
211	0.000000	0.000000	0.000000	0.000000
212	0.000000	0.000000	0.000000	0.000000
213	0.000000	0.000000	0.000000	0.000000
214	0.000000	0.000000	0.000000	0.000000
215	0.000000	0.000000	0.000000	0.000000
216	0.000000	0.000000	0.000000	0.000000
217	0.000000	0.000000	0.000000	0.000000
218	0.000000	0.000000	0.000000	0.000000
219	0.000000	0.000000	0.000000	0.000000
220	0.000000	0.000000	0.000000	0.000000
221	0.000000	0.000000	0.000000	0.000000
222	0.000000	0.000000	0.000000	0.000000
223	0.000000	0.000000	0.000000	0.000000
224	0.000000	0.062500	0.000000	0.000000
225	0.000000	0.000000	0.000000	0.000000
226	0.000000	0.000000	0.000000	0.000000
227	0.000000	0.000000	0.000000	0.000000
228	0.000000	0.000000	0.000000	0.000000
229	0.076923	0.000000	0.000000	0.000000
230	0.000000	0.000000	0.142857	0.000000
231	0.000000	0.000000	0.000000	0.000000
232	0.000000	0.000000	0.000000	0.000000
233	0.000000	0.000000	0.000000	0.000000
234	0.055556	0.000000	0.000000	0.000000
235	0.000000	0.000000	0.000000	0.000000
236	0.000000	0.000000	0.000000	0.000000
237	0.000000	0.000000	0.000000	0.000000
238	0.000000	0.000000	0.000000	0.000000

	Arts & Crafts Store	Asian Restaurant	Athletics & Sports \
0	0.000000	0.000000	0.0
1	0.000000	0.000000	0.0
2	0.000000	0.000000	0.0
3	0.000000	0.000000	0.0
4	0.000000	0.000000	0.0
5	0.000000	0.000000	0.0
6	0.000000	0.000000	0.0
7	0.000000	0.065217	0.0
8	0.000000	0.000000	0.0
9	0.000000	0.000000	0.0
10	0.000000	0.000000	0.0
11	0.000000	0.000000	0.0
12	0.000000	0.166667	0.0
13	0.000000	0.000000	0.0
14	0.000000	0.166667	0.0
15	0.000000	0.000000	0.0
16	0.000000	0.000000	0.0

17	0.000000	0.000000	0.0
18	0.000000	0.166667	0.0
19	0.000000	0.000000	0.0
20	0.000000	0.100000	0.0
21	0.000000	0.000000	0.0
22	0.000000	0.000000	0.0
23	0.000000	0.000000	0.0
24	0.000000	0.000000	0.0
25	0.000000	0.000000	0.0
26	0.000000	0.000000	0.0
27	0.000000	0.000000	0.0
28	0.000000	0.000000	0.0
29	0.000000	0.000000	0.0
30	0.000000	0.000000	0.0
31	0.000000	0.016393	0.0
32	0.000000	0.000000	0.0
33	0.000000	0.000000	0.0
34	0.000000	0.142857	0.0
35	0.000000	0.076923	0.0
36	0.052632	0.000000	0.0
37	0.000000	0.000000	0.0
38	0.000000	0.000000	0.0
39	0.000000	0.065217	0.0
40	0.000000	0.026667	0.0
41	0.000000	0.065217	0.0
42	0.000000	0.000000	0.0
43	0.000000	0.076923	0.0
44	0.000000	0.000000	0.0
45	0.000000	0.000000	0.0
46	0.000000	0.000000	0.0
47	0.000000	0.000000	0.0
48	0.000000	0.000000	0.0
49	0.000000	0.000000	0.0
50	0.000000	0.000000	0.0
51	0.000000	0.000000	0.0
52	0.000000	0.000000	0.0
53	0.000000	0.000000	0.0
54	0.000000	0.000000	0.0
55	0.000000	0.000000	0.0
56	0.000000	0.000000	0.0
57	0.000000	0.000000	0.0
58	0.000000	0.166667	0.0
59	0.000000	0.000000	0.0
60	0.000000	0.166667	0.0
61	0.000000	0.000000	0.0
62	0.000000	0.000000	0.0
63	0.000000	0.058824	0.0
64	0.000000	0.058824	0.0

65	0.000000	0.043478	0.0
66	0.000000	0.000000	0.0
67	0.000000	0.045455	0.0
68	0.000000	0.038462	0.0
69	0.000000	0.000000	0.0
70	0.000000	0.058824	0.0
71	0.000000	0.111111	0.0
72	0.000000	0.000000	0.0
73	0.000000	0.000000	0.0
74	0.000000	0.033333	0.0
75	0.000000	0.100000	0.0
76	0.000000	0.000000	0.0
77	0.000000	0.000000	0.0
78	0.000000	0.029412	0.0
79	0.000000	0.000000	0.0
80	0.000000	0.000000	0.0
81	0.000000	0.047619	0.0
82	0.000000	0.000000	0.0
83	0.000000	0.000000	0.0
84	0.000000	0.000000	0.0
85	0.000000	0.000000	0.0
86	0.000000	0.000000	0.0
87	0.000000	0.000000	0.0
88	0.000000	0.028571	0.0
89	0.000000	0.000000	0.0
90	0.000000	0.000000	0.0
91	0.000000	0.000000	0.0
92	0.000000	0.000000	0.0
93	0.000000	0.000000	0.0
94	0.000000	0.000000	0.0
95	0.000000	0.000000	0.0
96	0.000000	0.000000	0.0
97	0.000000	0.000000	0.0
98	0.000000	0.000000	0.0
99	0.000000	0.000000	0.0
100	0.000000	0.000000	0.0
101	0.000000	0.000000	0.0
102	0.000000	0.045455	0.0
103	0.000000	0.000000	0.0
104	0.000000	0.000000	0.0
105	0.000000	0.000000	0.0
106	0.000000	0.125000	0.0
107	0.000000	0.000000	0.0
108	0.000000	0.000000	0.0
109	0.000000	0.000000	0.0
110	0.000000	0.000000	0.0
111	0.000000	0.000000	0.0
112	0.000000	0.000000	0.0

113	0.000000	0.000000	0.0
114	0.000000	0.071429	0.0
115	0.000000	0.055556	0.0
116	0.000000	0.000000	0.0
117	0.000000	0.027778	0.0
118	0.000000	0.000000	0.0
119	0.000000	0.000000	0.0
120	0.000000	0.166667	0.0
121	0.000000	0.333333	0.0
122	0.000000	0.090909	0.0
123	0.000000	0.000000	0.0
124	0.000000	0.000000	0.0
125	0.000000	0.000000	0.0
126	0.000000	0.000000	0.0
127	0.000000	0.000000	0.0
128	0.000000	0.000000	0.0
129	0.000000	0.000000	0.0
130	0.000000	0.166667	0.0
131	0.000000	0.000000	0.0
132	0.000000	0.000000	0.0
133	0.000000	0.000000	0.0
134	0.000000	0.000000	0.0
135	0.000000	0.000000	0.0
136	0.000000	0.000000	0.0
137	0.000000	0.000000	0.0
138	0.000000	0.000000	0.0
139	0.000000	0.000000	0.0
140	0.000000	0.000000	0.0
141	0.000000	0.000000	0.0
142	0.052632	0.000000	0.0
143	0.000000	0.000000	0.0
144	0.000000	0.000000	0.0
145	0.000000	0.000000	0.0
146	0.000000	0.000000	0.0
147	0.000000	0.000000	0.0
148	0.000000	0.000000	0.0
149	0.000000	0.000000	0.0
150	0.000000	0.000000	0.0
151	0.000000	0.000000	0.0
152	0.000000	0.000000	0.0
153	0.000000	0.000000	0.0
154	0.000000	0.000000	0.0
155	0.000000	0.000000	0.0
156	0.000000	0.000000	0.0
157	0.000000	0.000000	0.0
158	0.000000	0.000000	0.0
159	0.000000	0.000000	0.0
160	0.000000	0.000000	0.0

161	0.000000	0.000000	0.0
162	0.000000	0.000000	0.0
163	0.000000	0.000000	0.0
164	0.000000	0.000000	0.0
165	0.000000	0.000000	0.0
166	0.000000	0.125000	0.0
167	0.000000	0.000000	0.0
168	0.000000	0.000000	0.0
169	0.000000	0.000000	0.0
170	0.000000	0.000000	0.0
171	0.000000	0.000000	0.0
172	0.000000	0.000000	0.0
173	0.000000	0.000000	0.0
174	0.000000	0.000000	0.0
175	0.000000	0.076923	0.0
176	0.000000	0.000000	0.0
177	0.000000	0.400000	0.0
178	0.000000	0.000000	0.0
179	0.000000	0.076923	0.0
180	0.000000	0.000000	0.0
181	0.100000	0.000000	0.0
182	0.000000	0.000000	0.0
183	0.000000	0.000000	0.0
184	0.000000	0.026667	0.0
185	0.000000	0.000000	0.0
186	0.000000	0.000000	0.0
187	0.000000	0.000000	0.0
188	0.000000	0.000000	0.0
189	0.000000	0.000000	0.0
190	0.000000	0.000000	0.0
191	0.000000	0.000000	0.0
192	0.000000	0.032258	0.0
193	0.000000	0.000000	0.0
194	0.000000	0.000000	0.0
195	0.000000	0.027778	0.0
196	0.000000	0.000000	0.0
197	0.000000	0.058824	0.0
198	0.000000	0.000000	0.0
199	0.000000	0.000000	0.0
200	0.090909	0.000000	0.0
201	0.000000	0.000000	0.0
202	0.000000	0.000000	0.0
203	0.000000	0.043478	0.0
204	0.000000	0.000000	0.0
205	0.000000	0.000000	0.0
206	0.000000	0.040000	0.0
207	0.000000	0.032258	0.0
208	0.000000	0.000000	0.0

209	0.000000	0.125000	0.0
210	0.000000	0.000000	0.0
211	0.000000	0.000000	0.0
212	0.066667	0.000000	0.0
213	0.000000	0.034483	0.0
214	0.000000	0.000000	0.0
215	0.000000	0.000000	0.0
216	0.000000	0.029412	0.0
217	0.000000	0.000000	0.0
218	0.000000	0.000000	0.0
219	0.000000	0.000000	0.0
220	0.000000	0.000000	0.0
221	0.000000	0.000000	0.0
222	0.000000	0.000000	0.0
223	0.000000	0.000000	0.0
224	0.000000	0.000000	0.0
225	0.000000	0.000000	0.0
226	0.000000	0.000000	0.0
227	0.000000	0.037037	0.0
228	0.000000	0.000000	0.0
229	0.000000	0.000000	0.0
230	0.000000	0.000000	0.0
231	0.000000	0.000000	0.0
232	0.000000	0.000000	0.2
233	0.000000	0.000000	0.0
234	0.000000	0.000000	0.0
235	0.000000	0.000000	0.0
236	0.000000	0.000000	0.0
237	0.000000	0.071429	0.0
238	0.000000	0.000000	0.0

	Australian	Restaurant	BBQ Joint	Bagel Shop	Bakery	Bank \
0		0.000000	0.000000	0.000000	0.000000	0.000000
1		0.000000	0.000000	0.000000	0.000000	0.000000
2		0.000000	0.000000	0.000000	0.000000	0.000000
3		0.000000	0.000000	0.000000	0.000000	0.000000
4		0.000000	0.000000	0.000000	0.000000	0.000000
5		0.000000	0.000000	0.000000	0.000000	0.000000
6		0.000000	0.000000	0.000000	0.000000	0.000000
7		0.000000	0.000000	0.000000	0.021739	0.000000
8		0.000000	0.000000	0.000000	0.000000	0.000000
9		0.000000	0.000000	0.000000	0.000000	0.000000
10		0.000000	0.000000	0.000000	0.043478	0.000000
11		0.000000	0.000000	0.000000	0.000000	0.000000
12		0.000000	0.000000	0.000000	0.000000	0.000000
13		0.000000	0.000000	0.000000	0.000000	0.000000
14		0.000000	0.000000	0.000000	0.000000	0.000000
15		0.000000	0.000000	0.000000	0.000000	0.000000

16	0.000000	0.000000	0.000000	0.142857	0.000000
17	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.000000	0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000	0.100000	0.000000
21	0.000000	0.000000	0.000000	0.000000	0.000000
22	0.000000	0.000000	0.000000	0.000000	0.000000
23	0.000000	0.000000	0.000000	0.000000	0.000000
24	0.000000	0.000000	0.000000	0.000000	0.000000
25	0.000000	0.000000	0.000000	0.000000	0.000000
26	0.000000	0.000000	0.000000	0.000000	0.000000
27	0.000000	0.000000	0.000000	0.000000	0.000000
28	0.000000	0.000000	0.000000	0.000000	0.000000
29	0.000000	0.000000	0.000000	0.000000	0.000000
30	0.000000	0.000000	0.000000	0.000000	0.000000
31	0.000000	0.032787	0.000000	0.016393	0.000000
32	0.000000	0.000000	0.000000	0.000000	0.166667
33	0.000000	0.000000	0.000000	0.000000	0.000000
34	0.000000	0.000000	0.000000	0.000000	0.000000
35	0.000000	0.000000	0.000000	0.000000	0.000000
36	0.000000	0.000000	0.000000	0.000000	0.000000
37	0.000000	0.000000	0.000000	0.000000	0.000000
38	0.000000	0.000000	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000	0.021739	0.000000
40	0.000000	0.000000	0.000000	0.013333	0.000000
41	0.000000	0.000000	0.000000	0.021739	0.000000
42	0.000000	0.000000	0.000000	0.000000	0.000000
43	0.000000	0.000000	0.000000	0.000000	0.000000
44	0.000000	0.000000	0.000000	0.125000	0.000000
45	0.000000	0.000000	0.000000	0.000000	0.000000
46	0.000000	0.000000	0.000000	0.000000	0.000000
47	0.000000	0.000000	0.000000	0.000000	0.000000
48	0.000000	0.076923	0.000000	0.000000	0.000000
49	0.000000	0.000000	0.000000	0.000000	0.000000
50	0.000000	0.000000	0.000000	0.000000	0.000000
51	0.000000	0.000000	0.000000	0.000000	0.000000
52	0.000000	0.000000	0.000000	0.000000	0.000000
53	0.000000	0.000000	0.000000	0.000000	0.000000
54	0.000000	0.000000	0.000000	0.000000	0.000000
55	0.000000	0.000000	0.000000	0.000000	0.000000
56	0.000000	0.000000	0.000000	0.000000	0.000000
57	0.000000	0.000000	0.000000	0.000000	0.000000
58	0.000000	0.000000	0.000000	0.000000	0.000000
59	0.000000	0.000000	0.000000	0.000000	0.000000
60	0.000000	0.166667	0.000000	0.000000	0.000000
61	0.000000	0.000000	0.000000	0.250000	0.000000
62	0.000000	0.000000	0.000000	0.047619	0.000000
63	0.000000	0.029412	0.000000	0.029412	0.000000

64	0.000000	0.058824	0.000000	0.058824	0.000000
65	0.000000	0.000000	0.000000	0.000000	0.000000
66	0.000000	0.000000	0.000000	0.000000	0.000000
67	0.000000	0.000000	0.000000	0.000000	0.000000
68	0.000000	0.000000	0.019231	0.038462	0.000000
69	0.000000	0.000000	0.000000	0.032258	0.000000
70	0.000000	0.000000	0.000000	0.058824	0.000000
71	0.000000	0.000000	0.000000	0.000000	0.000000
72	0.000000	0.000000	0.000000	0.000000	0.000000
73	0.000000	0.000000	0.000000	0.000000	0.000000
74	0.000000	0.000000	0.000000	0.000000	0.000000
75	0.000000	0.000000	0.000000	0.100000	0.000000
76	0.000000	0.000000	0.000000	0.000000	0.000000
77	0.000000	0.000000	0.000000	0.000000	0.000000
78	0.000000	0.000000	0.000000	0.000000	0.000000
79	0.000000	0.000000	0.000000	0.000000	0.000000
80	0.000000	0.000000	0.000000	0.000000	0.000000
81	0.000000	0.047619	0.000000	0.047619	0.000000
82	0.000000	0.000000	0.000000	0.000000	0.000000
83	0.000000	0.000000	0.000000	0.037037	0.000000
84	0.000000	0.000000	0.000000	0.000000	0.000000
85	0.000000	0.000000	0.000000	0.000000	0.000000
86	0.000000	0.000000	0.000000	0.200000	0.000000
87	0.000000	0.142857	0.000000	0.000000	0.000000
88	0.000000	0.028571	0.000000	0.000000	0.000000
89	0.000000	0.000000	0.000000	0.000000	0.000000
90	0.000000	0.000000	0.000000	0.000000	0.000000
91	0.000000	0.000000	0.000000	0.000000	0.000000
92	0.000000	0.000000	0.000000	0.200000	0.000000
93	0.000000	0.000000	0.000000	0.052632	0.000000
94	0.000000	0.000000	0.000000	0.000000	0.111111
95	0.000000	0.000000	0.000000	0.000000	0.000000
96	0.000000	0.000000	0.000000	0.000000	0.000000
97	0.000000	0.000000	0.000000	0.000000	0.000000
98	0.000000	0.000000	0.000000	0.000000	0.000000
99	0.000000	0.062500	0.000000	0.062500	0.000000
100	0.000000	0.000000	0.000000	0.052632	0.000000
101	0.000000	0.000000	0.000000	0.000000	0.000000
102	0.000000	0.022727	0.000000	0.000000	0.000000
103	0.000000	0.000000	0.000000	0.000000	0.000000
104	0.000000	0.000000	0.000000	0.000000	0.000000
105	0.000000	0.166667	0.000000	0.000000	0.000000
106	0.000000	0.000000	0.000000	0.000000	0.000000
107	0.000000	0.000000	0.000000	0.000000	0.000000
108	0.000000	0.000000	0.000000	0.000000	0.000000
109	0.000000	0.000000	0.000000	0.000000	0.000000
110	0.000000	0.000000	0.000000	0.000000	0.000000
111	0.000000	0.000000	0.000000	0.000000	0.000000

[illegible]

160	0.000000	0.000000	0.000000	0.000000	0.000000
161	0.000000	0.166667	0.000000	0.000000	0.000000
162	0.000000	0.000000	0.000000	0.000000	0.000000
163	0.000000	0.000000	0.000000	0.040000	0.000000
164	0.000000	0.000000	0.000000	0.000000	0.000000
165	0.000000	0.000000	0.000000	0.000000	0.000000
166	0.000000	0.000000	0.000000	0.000000	0.000000
167	0.000000	0.000000	0.000000	0.000000	0.000000
168	0.000000	0.000000	0.000000	0.000000	0.000000
169	0.000000	0.000000	0.000000	0.000000	0.000000
170	0.000000	0.000000	0.000000	0.000000	0.000000
171	0.000000	0.000000	0.000000	0.000000	0.000000
172	0.000000	0.076923	0.000000	0.076923	0.000000
173	0.000000	0.000000	0.000000	0.000000	0.000000
174	0.000000	0.000000	0.000000	0.037037	0.000000
175	0.000000	0.000000	0.000000	0.000000	0.000000
176	0.000000	0.000000	0.000000	0.000000	0.000000
177	0.000000	0.000000	0.000000	0.200000	0.000000
178	0.000000	0.000000	0.000000	0.066667	0.000000
179	0.000000	0.000000	0.000000	0.000000	0.000000
180	0.000000	0.000000	0.000000	0.000000	0.000000
181	0.000000	0.000000	0.000000	0.000000	0.000000
182	0.000000	0.000000	0.000000	0.000000	0.000000
183	0.000000	0.000000	0.000000	0.000000	0.000000
184	0.000000	0.000000	0.000000	0.013333	0.000000
185	0.000000	0.000000	0.000000	0.000000	0.000000
186	0.142857	0.000000	0.000000	0.000000	0.000000
187	0.000000	0.000000	0.000000	0.000000	0.000000
188	0.000000	0.000000	0.000000	0.166667	0.000000
189	0.000000	0.000000	0.000000	0.000000	0.000000
190	0.000000	0.000000	0.000000	0.000000	0.000000
191	0.000000	0.000000	0.000000	0.000000	0.000000
192	0.000000	0.000000	0.000000	0.016129	0.000000
193	0.000000	0.000000	0.000000	0.000000	0.000000
194	0.000000	0.000000	0.000000	0.000000	0.000000
195	0.000000	0.000000	0.000000	0.013889	0.000000
196	0.000000	0.000000	0.000000	0.000000	0.000000
197	0.000000	0.000000	0.000000	0.058824	0.000000
198	0.000000	0.000000	0.000000	0.000000	0.000000
199	0.000000	0.000000	0.000000	0.000000	0.000000
200	0.000000	0.000000	0.000000	0.000000	0.000000
201	0.000000	0.037037	0.000000	0.000000	0.000000
202	0.000000	0.100000	0.000000	0.100000	0.000000
203	0.000000	0.021739	0.000000	0.000000	0.000000
204	0.000000	0.000000	0.000000	0.000000	0.000000
205	0.000000	0.000000	0.000000	0.000000	0.000000
206	0.000000	0.000000	0.000000	0.000000	0.000000
207	0.000000	0.000000	0.000000	0.000000	0.000000

208	0.000000	0.000000	0.000000	0.000000	0.000000
209	0.000000	0.000000	0.000000	0.250000	0.000000
210	0.000000	0.000000	0.000000	0.000000	0.000000
211	0.000000	0.000000	0.000000	0.000000	0.000000
212	0.000000	0.066667	0.000000	0.000000	0.000000
213	0.000000	0.000000	0.000000	0.000000	0.000000
214	0.000000	0.000000	0.000000	0.000000	0.000000
215	0.000000	0.000000	0.000000	0.000000	0.000000
216	0.000000	0.000000	0.000000	0.000000	0.000000
217	0.000000	0.000000	0.000000	0.000000	0.000000
218	0.090909	0.000000	0.000000	0.000000	0.000000
219	0.000000	0.000000	0.000000	0.000000	0.000000
220	0.000000	0.000000	0.000000	0.000000	0.000000
221	0.000000	0.000000	0.000000	0.000000	0.000000
222	0.000000	0.000000	0.000000	0.000000	0.000000
223	0.000000	0.000000	0.000000	0.000000	0.000000
224	0.000000	0.000000	0.000000	0.062500	0.000000
225	0.000000	0.000000	0.000000	0.000000	0.000000
226	0.000000	0.000000	0.000000	0.000000	0.125000
227	0.000000	0.000000	0.000000	0.000000	0.000000
228	0.000000	0.000000	0.000000	0.000000	0.000000
229	0.000000	0.000000	0.000000	0.076923	0.000000
230	0.000000	0.000000	0.000000	0.000000	0.000000
231	0.000000	0.000000	0.000000	0.000000	0.000000
232	0.000000	0.000000	0.000000	0.000000	0.000000
233	0.000000	0.076923	0.000000	0.000000	0.000000
234	0.000000	0.000000	0.000000	0.000000	0.000000
235	0.000000	0.000000	0.000000	0.000000	0.000000
236	0.000000	0.000000	0.000000	0.033333	0.000000
237	0.000000	0.000000	0.000000	0.000000	0.000000
238	0.000000	0.000000	0.000000	0.034483	0.000000

	Bar	Basketball Court	Bed & Breakfast	Beer Garden \
0	0.000000	0.00	0.000000	0.000000
1	0.000000	0.00	0.000000	0.000000
2	0.000000	0.00	0.000000	0.000000
3	0.000000	0.00	0.000000	0.000000
4	0.000000	0.00	0.000000	0.000000
5	0.000000	0.00	0.000000	0.000000
6	0.142857	0.00	0.000000	0.000000
7	0.021739	0.00	0.000000	0.021739
8	0.000000	0.00	0.000000	0.000000
9	0.000000	0.00	0.000000	0.000000
10	0.000000	0.00	0.043478	0.000000
11	0.000000	0.00	0.000000	0.000000
12	0.000000	0.00	0.000000	0.000000
13	0.000000	0.00	0.000000	0.000000
14	0.000000	0.00	0.000000	0.000000

15	0.000000	0.00	0.000000	0.000000
16	0.000000	0.00	0.000000	0.000000
17	0.000000	0.00	0.000000	0.000000
18	0.000000	0.00	0.000000	0.000000
19	0.000000	0.00	0.076923	0.000000
20	0.000000	0.00	0.000000	0.000000
21	0.000000	0.00	0.000000	0.000000
22	0.000000	0.00	0.000000	0.000000
23	0.000000	0.00	0.000000	0.000000
24	0.000000	0.00	0.000000	0.000000
25	0.000000	0.00	0.000000	0.000000
26	0.000000	0.00	0.000000	0.000000
27	0.000000	0.00	0.000000	0.000000
28	0.000000	0.00	0.000000	0.000000
29	0.000000	0.00	0.000000	0.000000
30	0.000000	0.00	0.000000	0.000000
31	0.065574	0.00	0.000000	0.016393
32	0.000000	0.00	0.000000	0.000000
33	0.000000	0.00	0.000000	0.000000
34	0.000000	0.00	0.000000	0.000000
35	0.000000	0.00	0.000000	0.000000
36	0.000000	0.00	0.000000	0.000000
37	0.000000	0.00	0.000000	0.000000
38	0.000000	0.00	0.000000	0.000000
39	0.021739	0.00	0.000000	0.021739
40	0.066667	0.00	0.000000	0.000000
41	0.021739	0.00	0.000000	0.021739
42	0.000000	0.00	0.000000	0.000000
43	0.000000	0.00	0.000000	0.000000
44	0.062500	0.00	0.000000	0.000000
45	0.000000	0.00	0.000000	0.000000
46	0.000000	0.00	0.000000	0.000000
47	0.000000	0.00	0.000000	0.000000
48	0.000000	0.00	0.000000	0.000000
49	0.000000	0.00	0.000000	0.000000
50	0.076923	0.00	0.000000	0.000000
51	0.000000	0.00	0.000000	0.000000
52	0.037037	0.00	0.000000	0.000000
53	0.040000	0.00	0.000000	0.000000
54	0.000000	0.00	0.000000	0.000000
55	0.000000	0.00	0.000000	0.000000
56	0.000000	0.00	0.000000	0.000000
57	0.000000	0.00	0.000000	0.000000
58	0.000000	0.00	0.000000	0.000000
59	0.000000	0.00	0.000000	0.000000
60	0.000000	0.00	0.000000	0.000000
61	0.000000	0.00	0.000000	0.000000
62	0.047619	0.00	0.000000	0.000000

63	0.000000	0.00	0.000000	0.000000
64	0.000000	0.00	0.000000	0.000000
65	0.043478	0.00	0.000000	0.000000
66	0.000000	0.00	0.000000	0.000000
67	0.090909	0.00	0.000000	0.000000
68	0.057692	0.00	0.000000	0.000000
69	0.000000	0.00	0.064516	0.000000
70	0.000000	0.00	0.000000	0.000000
71	0.000000	0.00	0.000000	0.000000
72	0.000000	0.00	0.000000	0.000000
73	0.083333	0.00	0.000000	0.000000
74	0.033333	0.00	0.000000	0.000000
75	0.000000	0.00	0.000000	0.000000
76	0.000000	0.00	0.000000	0.000000
77	0.000000	0.00	0.000000	0.000000
78	0.029412	0.00	0.000000	0.000000
79	0.000000	0.00	0.000000	0.000000
80	0.000000	0.00	0.000000	0.000000
81	0.000000	0.00	0.000000	0.000000
82	0.000000	0.00	0.000000	0.000000
83	0.000000	0.00	0.037037	0.000000
84	0.000000	0.00	0.000000	0.000000
85	0.000000	0.00	0.000000	0.000000
86	0.000000	0.00	0.000000	0.000000
87	0.000000	0.00	0.000000	0.000000
88	0.028571	0.00	0.000000	0.028571
89	0.000000	0.00	0.000000	0.000000
90	0.071429	0.00	0.000000	0.000000
91	0.000000	0.00	0.000000	0.000000
92	0.000000	0.00	0.000000	0.000000
93	0.105263	0.00	0.000000	0.000000
94	0.000000	0.00	0.000000	0.000000
95	0.000000	0.00	0.000000	0.000000
96	0.000000	0.00	0.000000	0.000000
97	0.000000	0.00	0.000000	0.000000
98	0.000000	0.00	0.000000	0.000000
99	0.000000	0.00	0.000000	0.000000
100	0.000000	0.00	0.000000	0.000000
101	0.000000	0.00	0.000000	0.000000
102	0.068182	0.00	0.000000	0.000000
103	0.000000	0.00	0.000000	0.000000
104	0.000000	0.00	0.000000	0.000000
105	0.000000	0.00	0.000000	0.000000
106	0.000000	0.00	0.000000	0.000000
107	0.000000	0.00	0.000000	0.000000
108	0.000000	0.00	0.000000	0.000000
109	0.000000	0.25	0.000000	0.000000
110	0.000000	0.00	0.000000	0.000000

111	0.055556	0.00	0.000000	0.000000
112	0.000000	0.00	0.037037	0.000000
113	0.000000	0.00	0.000000	0.000000
114	0.000000	0.00	0.000000	0.000000
115	0.000000	0.00	0.000000	0.000000
116	0.000000	0.00	0.000000	0.000000
117	0.069444	0.00	0.000000	0.000000
118	0.000000	0.00	0.000000	0.000000
119	0.000000	0.00	0.076923	0.000000
120	0.000000	0.00	0.000000	0.000000
121	0.000000	0.00	0.000000	0.000000
122	0.000000	0.00	0.000000	0.000000
123	0.000000	0.00	0.000000	0.000000
124	0.000000	0.00	0.000000	0.000000
125	0.000000	0.00	0.000000	0.000000
126	0.000000	0.00	0.000000	0.000000
127	0.000000	0.00	0.000000	0.000000
128	0.000000	0.00	0.000000	0.000000
129	0.181818	0.00	0.000000	0.000000
130	0.000000	0.00	0.000000	0.000000
131	0.000000	0.00	0.000000	0.000000
132	0.000000	0.00	0.000000	0.000000
133	0.000000	0.00	0.000000	0.000000
134	0.000000	0.00	0.000000	0.000000
135	0.000000	0.00	0.000000	0.000000
136	0.000000	0.00	0.000000	0.000000
137	0.000000	0.00	0.000000	0.000000
138	0.000000	0.00	0.000000	0.000000
139	0.000000	0.00	0.000000	0.000000
140	0.000000	0.00	0.000000	0.000000
141	0.037037	0.00	0.000000	0.000000
142	0.000000	0.00	0.000000	0.000000
143	0.000000	0.00	0.000000	0.000000
144	0.000000	0.00	0.000000	0.000000
145	0.000000	0.00	0.000000	0.000000
146	0.000000	0.00	0.000000	0.000000
147	0.000000	0.00	0.000000	0.000000
148	0.000000	0.00	0.000000	0.000000
149	0.024390	0.00	0.000000	0.000000
150	1.000000	0.00	0.000000	0.000000
151	0.000000	0.00	0.000000	0.000000
152	0.000000	0.00	0.000000	0.000000
153	0.000000	0.00	0.000000	0.000000
154	0.000000	0.00	0.000000	0.000000
155	0.000000	0.00	0.000000	0.000000
156	0.000000	0.00	0.000000	0.000000
157	0.000000	0.00	0.000000	0.000000
158	0.000000	0.00	0.000000	0.000000

159	0.000000	0.00	0.000000	0.000000
160	0.000000	0.00	0.000000	0.000000
161	0.000000	0.00	0.000000	0.000000
162	0.000000	0.00	0.000000	0.000000
163	0.000000	0.00	0.040000	0.000000
164	0.000000	0.00	0.000000	0.000000
165	0.000000	0.00	0.000000	0.000000
166	0.000000	0.00	0.000000	0.000000
167	0.000000	0.00	0.000000	0.000000
168	0.000000	0.00	0.000000	0.000000
169	0.000000	0.00	0.000000	0.000000
170	0.090909	0.00	0.090909	0.000000
171	0.000000	0.00	0.000000	0.000000
172	0.000000	0.00	0.000000	0.000000
173	0.000000	0.00	0.000000	0.000000
174	0.000000	0.00	0.037037	0.000000
175	0.000000	0.00	0.000000	0.076923
176	0.000000	0.00	0.000000	0.000000
177	0.000000	0.00	0.000000	0.000000
178	0.000000	0.00	0.000000	0.000000
179	0.000000	0.00	0.000000	0.000000
180	0.000000	0.00	0.000000	0.000000
181	0.000000	0.00	0.000000	0.000000
182	0.000000	0.00	0.000000	0.000000
183	0.000000	0.00	0.000000	0.000000
184	0.066667	0.00	0.000000	0.000000
185	0.000000	0.00	0.000000	0.000000
186	0.285714	0.00	0.000000	0.000000
187	0.000000	0.00	0.000000	0.000000
188	0.000000	0.00	0.000000	0.000000
189	0.037037	0.00	0.000000	0.000000
190	0.000000	0.00	0.000000	0.000000
191	0.000000	0.00	0.000000	0.000000
192	0.064516	0.00	0.000000	0.000000
193	0.000000	0.00	0.000000	0.000000
194	0.000000	0.00	0.000000	0.000000
195	0.069444	0.00	0.000000	0.000000
196	0.000000	0.00	0.000000	0.000000
197	0.000000	0.00	0.000000	0.000000
198	0.000000	0.00	0.000000	0.000000
199	0.000000	0.00	0.000000	0.000000
200	0.000000	0.00	0.000000	0.000000
201	0.000000	0.00	0.000000	0.000000
202	0.000000	0.00	0.000000	0.000000
203	0.065217	0.00	0.000000	0.000000
204	0.000000	0.00	0.000000	0.000000
205	0.000000	0.00	0.000000	0.000000
206	0.040000	0.00	0.000000	0.040000

207	0.000000	0.00	0.000000	0.032258
208	0.000000	0.00	0.000000	0.000000
209	0.000000	0.00	0.000000	0.000000
210	0.000000	0.00	0.000000	0.000000
211	0.000000	0.00	0.000000	0.000000
212	0.000000	0.00	0.000000	0.000000
213	0.000000	0.00	0.000000	0.000000
214	0.000000	0.00	0.000000	0.000000
215	0.000000	0.00	0.000000	0.000000
216	0.029412	0.00	0.000000	0.000000
217	0.000000	0.00	0.000000	0.000000
218	0.181818	0.00	0.000000	0.000000
219	0.000000	0.00	0.000000	0.000000
220	0.200000	0.00	0.000000	0.000000
221	0.000000	0.00	0.000000	0.000000
222	0.000000	0.00	0.000000	0.000000
223	0.000000	0.00	0.000000	0.000000
224	0.000000	0.00	0.000000	0.000000
225	0.000000	0.00	0.000000	0.000000
226	0.000000	0.00	0.000000	0.000000
227	0.000000	0.00	0.000000	0.000000
228	0.000000	0.00	0.000000	0.000000
229	0.000000	0.00	0.000000	0.000000
230	0.000000	0.00	0.000000	0.000000
231	0.000000	0.00	0.000000	0.000000
232	0.000000	0.00	0.200000	0.000000
233	0.000000	0.00	0.000000	0.000000
234	0.000000	0.00	0.000000	0.000000
235	0.000000	0.00	0.000000	0.000000
236	0.000000	0.00	0.066667	0.000000
237	0.071429	0.00	0.000000	0.000000
238	0.000000	0.00	0.034483	0.000000

	Bengali Restaurant	Bistro	Bookstore	Boutique	Breakfast Spot \
0	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.000000	0.000000	0.021739	0.000000	0.000000
8	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000	0.000000

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206	0.000000	0.000000	0.040000	0.000000	0.000000
207	0.000000	0.064516	0.000000	0.000000	0.000000
208	0.000000	0.000000	0.000000	0.000000	0.000000
209	0.000000	0.000000	0.000000	0.000000	0.000000
210	0.000000	0.000000	0.000000	0.000000	0.000000
211	0.000000	0.000000	0.000000	0.000000	0.083333
212	0.000000	0.000000	0.000000	0.000000	0.000000
213	0.000000	0.000000	0.000000	0.000000	0.000000
214	0.000000	0.000000	0.000000	0.000000	0.000000
215	0.000000	0.000000	0.000000	0.000000	0.000000
216	0.000000	0.029412	0.000000	0.000000	0.000000
217	0.000000	0.000000	0.000000	0.000000	0.000000
218	0.000000	0.000000	0.000000	0.000000	0.000000
219	0.000000	0.000000	0.000000	0.000000	0.000000
220	0.000000	0.000000	0.000000	0.000000	0.000000
221	0.000000	0.000000	0.000000	0.000000	0.000000
222	0.000000	0.000000	0.000000	0.000000	0.000000
223	0.000000	0.000000	0.000000	0.000000	0.000000
224	0.000000	0.000000	0.000000	0.000000	0.000000
225	0.000000	0.000000	0.000000	0.000000	0.000000
226	0.000000	0.000000	0.000000	0.000000	0.000000
227	0.000000	0.000000	0.000000	0.000000	0.000000
228	0.000000	0.000000	0.000000	0.000000	0.000000
229	0.000000	0.000000	0.000000	0.000000	0.000000
230	0.000000	0.000000	0.000000	0.000000	0.000000
231	0.000000	0.000000	0.000000	0.000000	0.000000
232	0.000000	0.000000	0.000000	0.000000	0.000000
233	0.000000	0.000000	0.000000	0.000000	0.000000
234	0.000000	0.000000	0.000000	0.000000	0.000000
235	0.000000	0.000000	0.000000	0.000000	0.000000
236	0.000000	0.000000	0.000000	0.000000	0.000000
237	0.000000	0.000000	0.000000	0.000000	0.000000
238	0.000000	0.000000	0.000000	0.000000	0.000000

	Brewery	Buffet	Building	Burger Joint	Burmese Restaurant \
0	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.000000	0.000000	0.000000	0.021739	0.000000
8	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.000000	0.000000	0.000000	0.250000	0.000000
10	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000	0.000000

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[illegible]

[illegible]

[illegible]

205	0.000000	0.000000	0.000000	0.000000	0.000000
206	0.000000	0.000000	0.000000	0.000000	0.000000
207	0.000000	0.000000	0.000000	0.000000	0.000000
208	0.000000	0.000000	0.000000	0.000000	0.000000
209	0.000000	0.000000	0.000000	0.000000	0.000000
210	0.000000	0.000000	0.000000	0.000000	0.000000
211	0.000000	0.000000	0.000000	0.000000	0.000000
212	0.000000	0.000000	0.000000	0.000000	0.000000
213	0.000000	0.000000	0.000000	0.000000	0.000000
214	0.000000	0.000000	0.000000	0.000000	0.000000
215	0.000000	0.000000	0.000000	0.000000	0.000000
216	0.000000	0.000000	0.000000	0.000000	0.000000
217	0.000000	0.000000	0.000000	0.000000	0.000000
218	0.000000	0.000000	0.000000	0.000000	0.000000
219	0.000000	0.000000	0.000000	0.000000	0.000000
220	0.000000	0.000000	0.000000	0.000000	0.000000
221	0.000000	0.000000	0.000000	0.000000	0.000000
222	0.000000	0.000000	0.000000	0.000000	0.000000
223	0.000000	0.000000	0.000000	0.000000	0.000000
224	0.000000	0.000000	0.000000	0.000000	0.000000
225	0.000000	0.000000	0.000000	0.000000	0.000000
226	0.000000	0.000000	0.000000	0.000000	0.000000
227	0.000000	0.000000	0.000000	0.000000	0.000000
228	0.000000	0.000000	0.000000	0.000000	0.000000
229	0.000000	0.000000	0.000000	0.000000	0.000000
230	0.000000	0.000000	0.000000	0.142857	0.000000
231	0.000000	0.000000	0.000000	0.000000	0.000000
232	0.000000	0.000000	0.000000	0.000000	0.000000
233	0.000000	0.000000	0.000000	0.000000	0.000000
234	0.000000	0.000000	0.000000	0.000000	0.000000
235	0.000000	0.000000	0.000000	0.000000	0.000000
236	0.000000	0.000000	0.000000	0.000000	0.000000
237	0.000000	0.000000	0.000000	0.000000	0.000000
238	0.000000	0.000000	0.000000	0.000000	0.000000

	Burrito Place	Bus Station	Business Center	Business Service	Cafeteria \
0	0.000000	0.000000	0.000000	0.000000	0.0000
1	0.000000	0.000000	0.000000	0.000000	0.0000
2	0.000000	0.000000	0.000000	0.000000	0.0000
3	0.000000	0.000000	0.000000	0.000000	0.0000
4	0.000000	0.000000	0.000000	0.000000	0.0000
5	0.000000	0.142857	0.000000	0.000000	0.0000
6	0.000000	0.000000	0.000000	0.000000	0.0000
7	0.000000	0.000000	0.000000	0.000000	0.0000
8	0.000000	0.000000	0.000000	0.000000	0.0000
9	0.250000	0.000000	0.000000	0.000000	0.0000
10	0.000000	0.000000	0.000000	0.000000	0.0000
11	0.000000	0.000000	0.000000	0.000000	0.0000

[illegible]

[illegible]