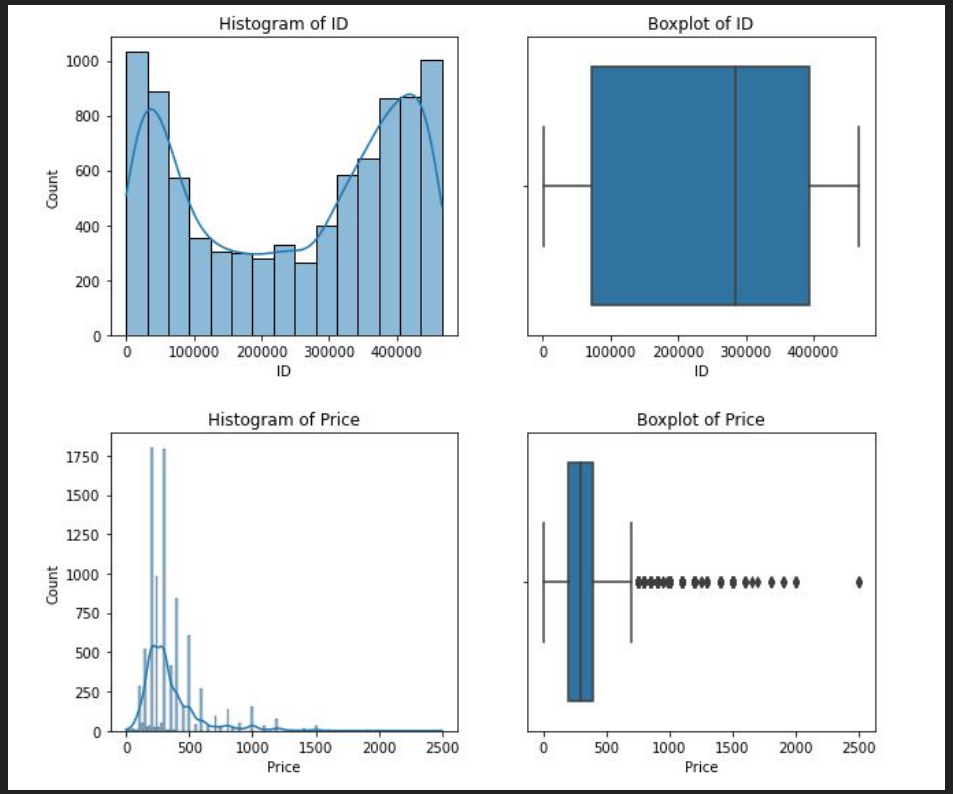
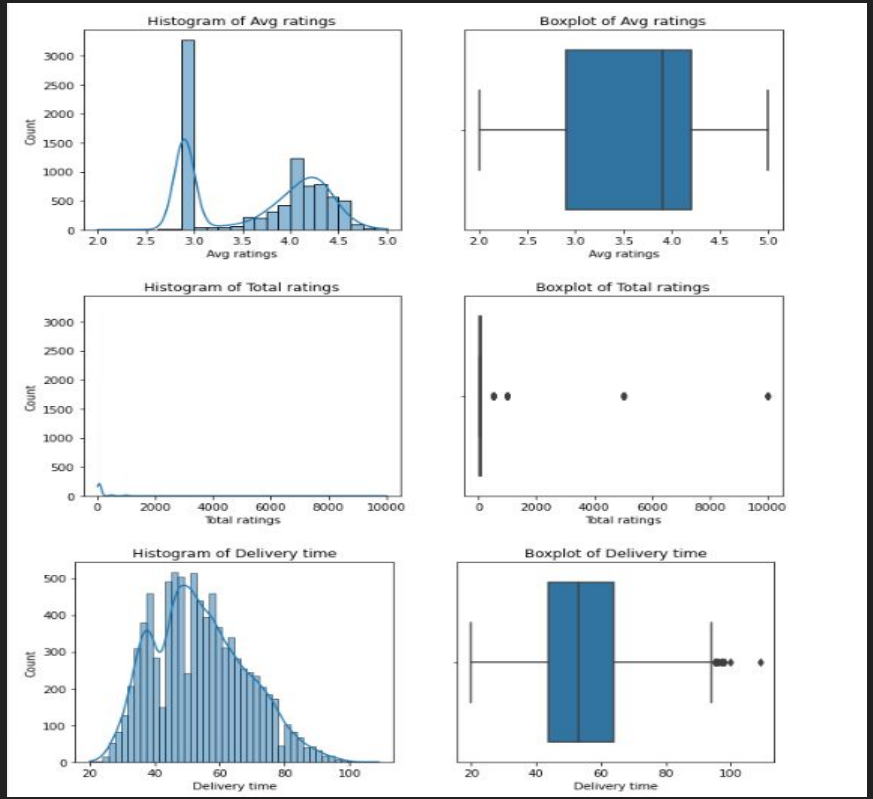
Swiggy Restaurants dataset EDA

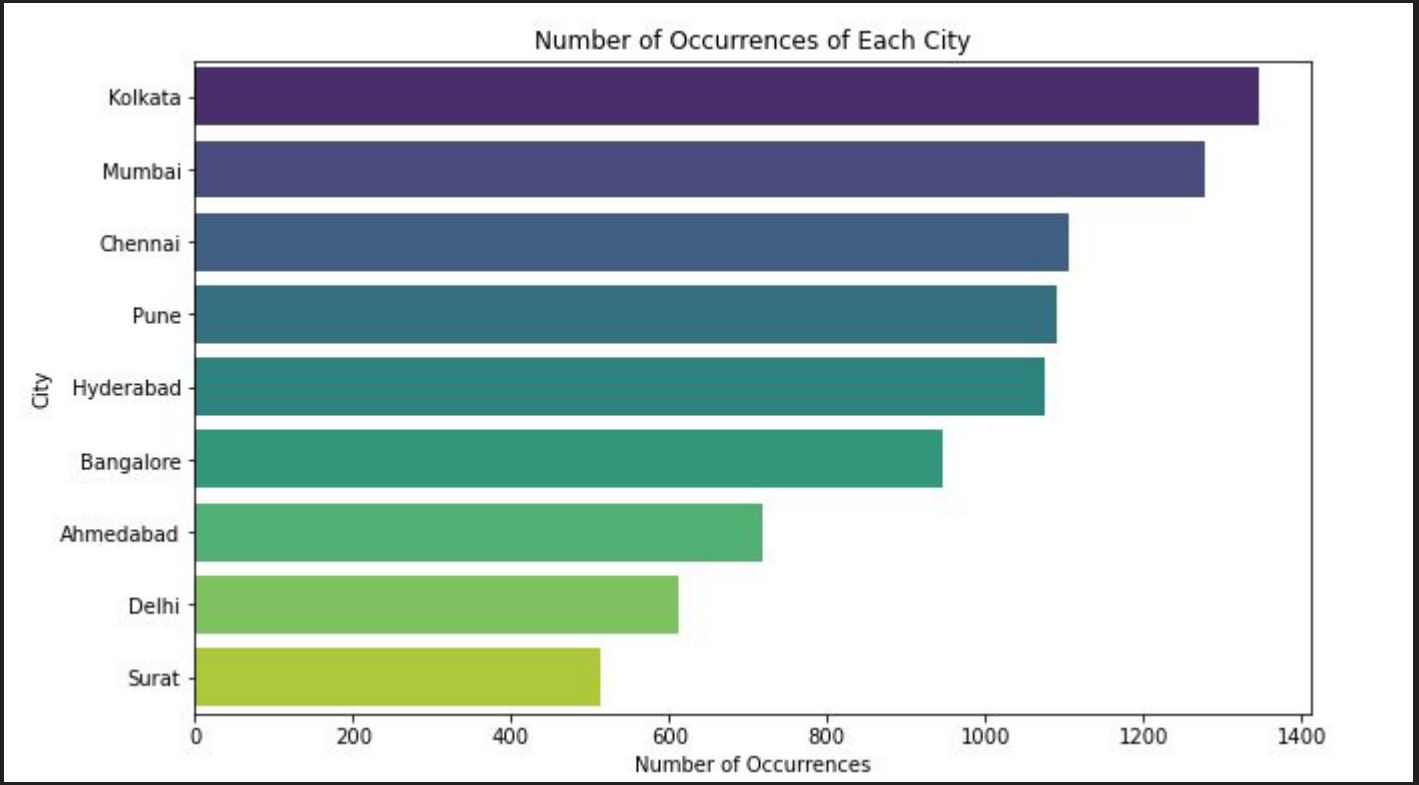
Knowing statistics of data



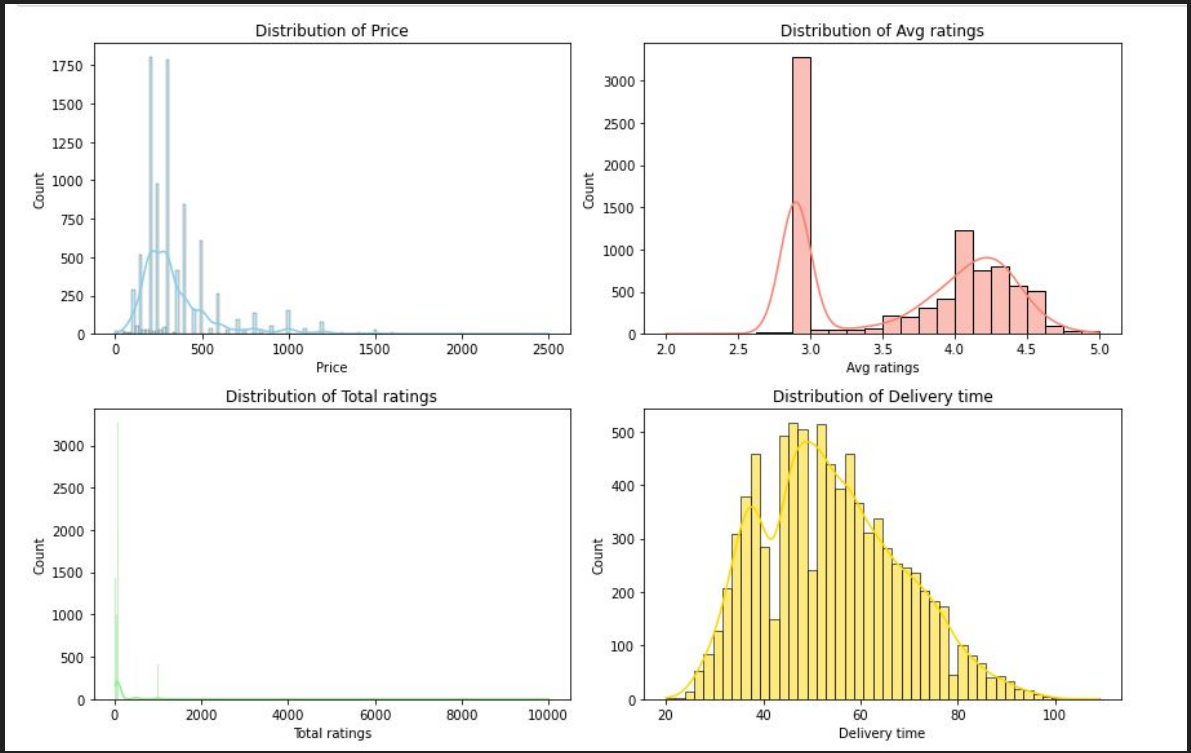
Knowing statistics of data

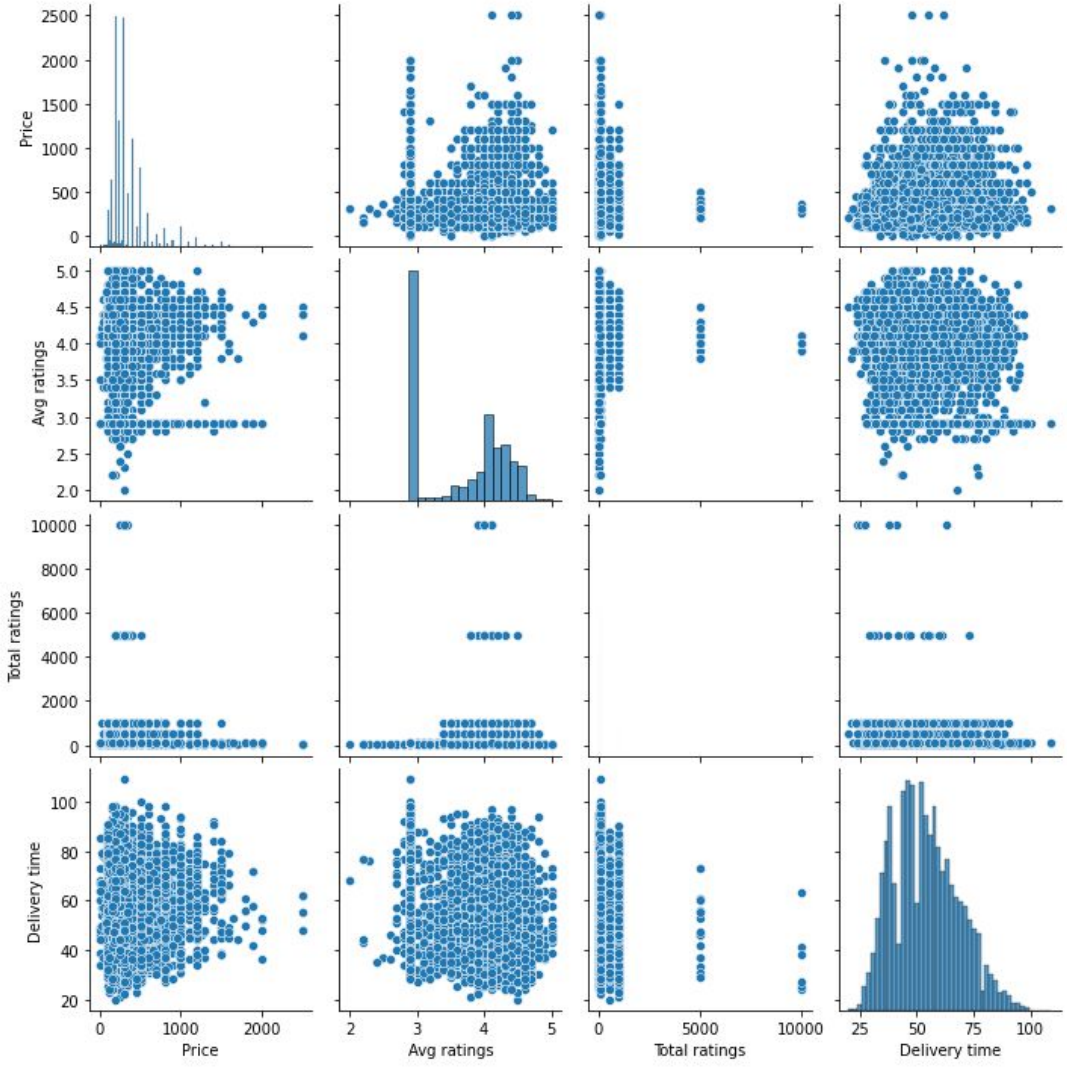


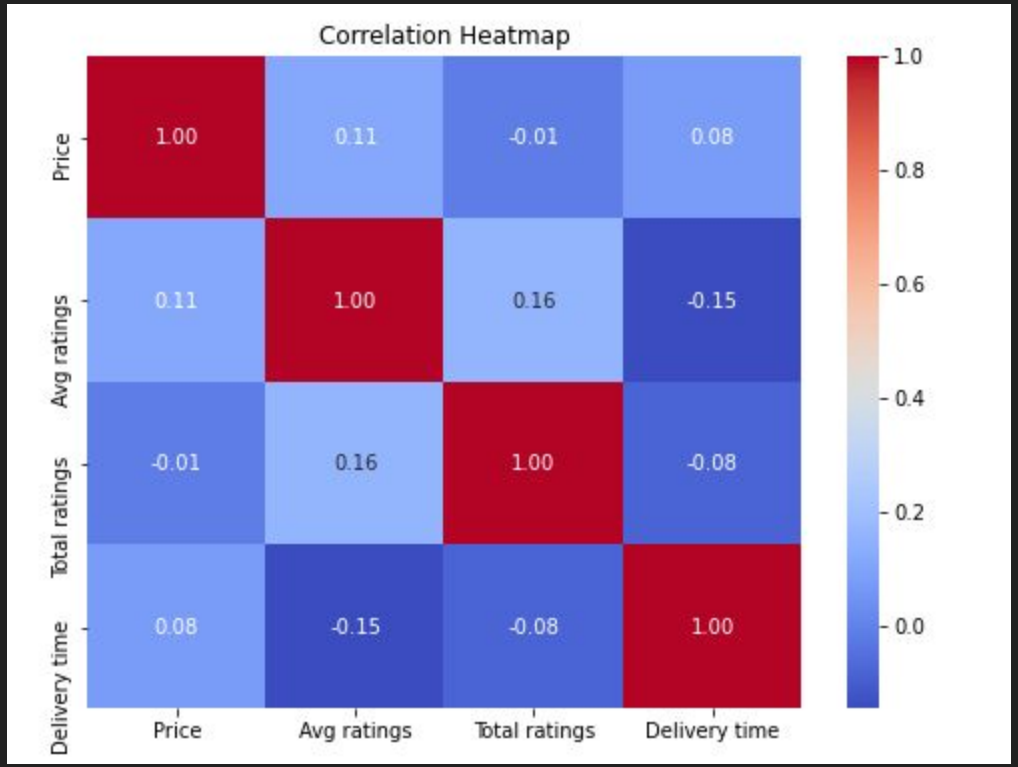
EDA

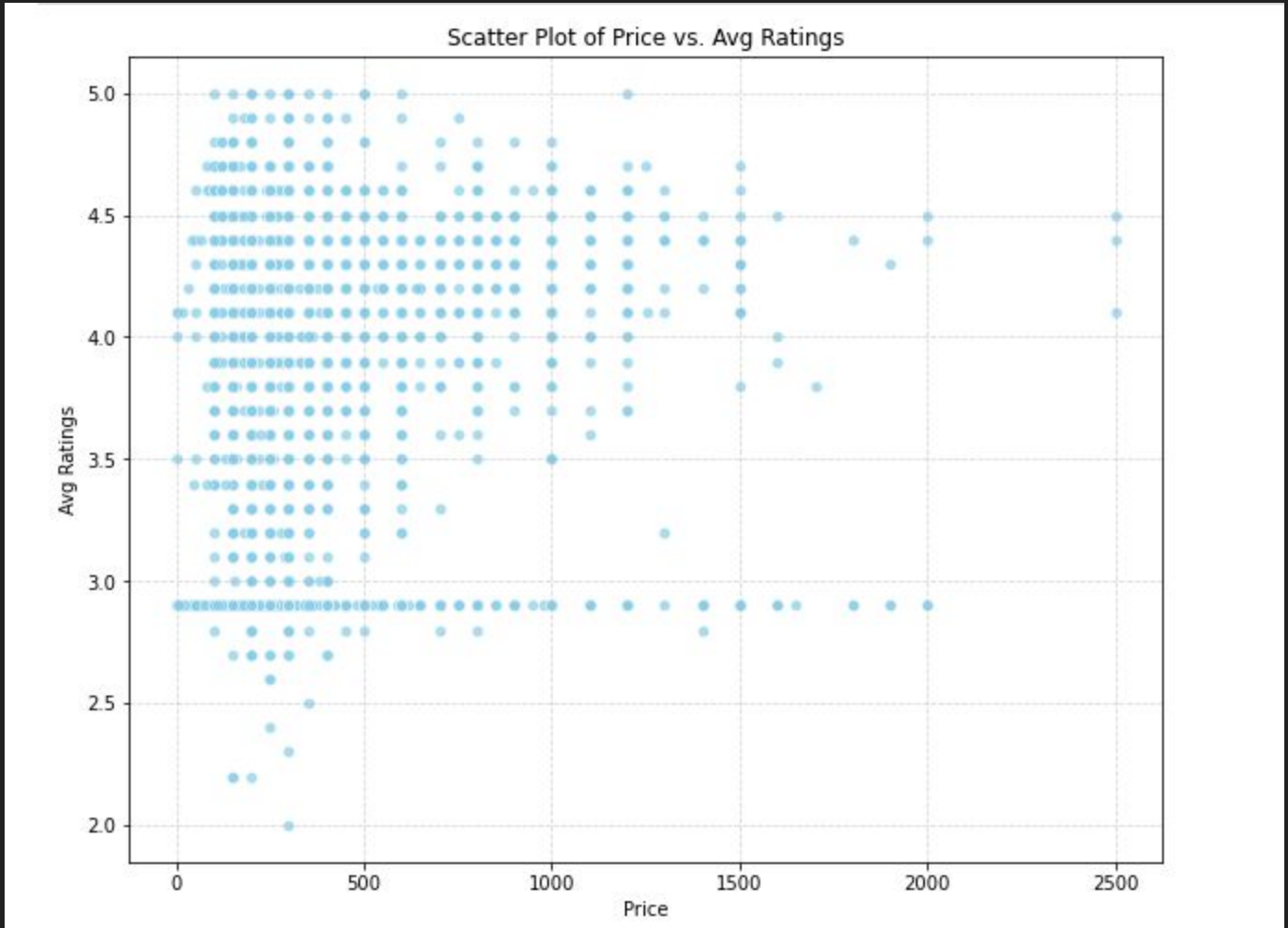

Number of Occurrences of Each City
Kolkata
Mumbai
Chennai
Pune
Hyderabad
Bangalore
Ahmedabad
Delhi
Surat
City
0
200
400
600
800
1000
1200
1400
Number of Occurrences

EDA


Distribution of Price
Count
Price
0
250
500
750
1000
1250
1500
1750
0
500
1000
1500
2000
2500
Distribution of Avg ratings
Count
Avg ratings
0
500
1000
1500
2000
2500
3000
2.0
2.5
3.0
3.5
4.0
4.5
5.0
Distribution of Total ratings
Count
Total ratings
0
500
1000
1500
2000
2500
3000
0
2000
4000
6000
8000
10000
Distribution of Delivery time
Count
Delivery time
0
100
200
300
400
500
20
40
60
80
100


Price
Avg ratings
Total ratings
Delivery time
0
1000
2000
2
3
4
5
0
5000
10000
25
50
75
100


Correlation Heatmap
Price
Avg ratings
Total ratings
Delivery time
1.00
0.11
-0.01
0.08
0.11
1.00
0.16
-0.15
-0.01
0.16
1.00
-0.08
0.08
-0.15
-0.08
1.00
Price
Avg ratings
Total ratings
Delivery time
1.0
0.8
0.6
0.4
0.2
0.0


Scatter Plot of Price vs. Avg Ratings
Avg Ratings
Price
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
500
1000
1500
2000
2500

Average Rating of All Restaurants in Unique Cities (Descending Order):

	City	Avg ratings
2	Chennai	3.776311
1	Bangalore	3.762896
4	Hyderabad	3.701395
5	Kolkata	3.698811
6	Mumbai	3.599374
0	Ahmedabad	3.596513
8	Surat	3.580078
7	Pune	3.550183
3	Delhi	3.526350

Average Delivery Time of All Unique Cities (Descending Order):

	City	Delivery time
0	Ahmedabad	44.709902
6	Mumbai	48.318716
8	Surat	48.484375
4	Hyderabad	49.933023
1	Bangalore	50.529598
3	Delhi	50.734861
7	Pune	55.854128
2	Chennai	58.968354
5	Kolkata	67.809807