



The selection between Washington and New York for Establishment of Indian Cuisine Restaurent

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Introduction

This report is presented to choose between the Wasington and New York for establishment of the Indian cusine restaurent. According to American census 2010 the Indian Asian Population in Wasington city was 61,124 and in New york city was 313,620. The demand for the Indian taste in American market is growing day by day.

Problem

The prolen statment for the particular project is to find the sutable location. As in both city the capital investment is high and the to overcome the profit margine it is neccessary to examin the same



By Cleaning the Data we get following Data for New york

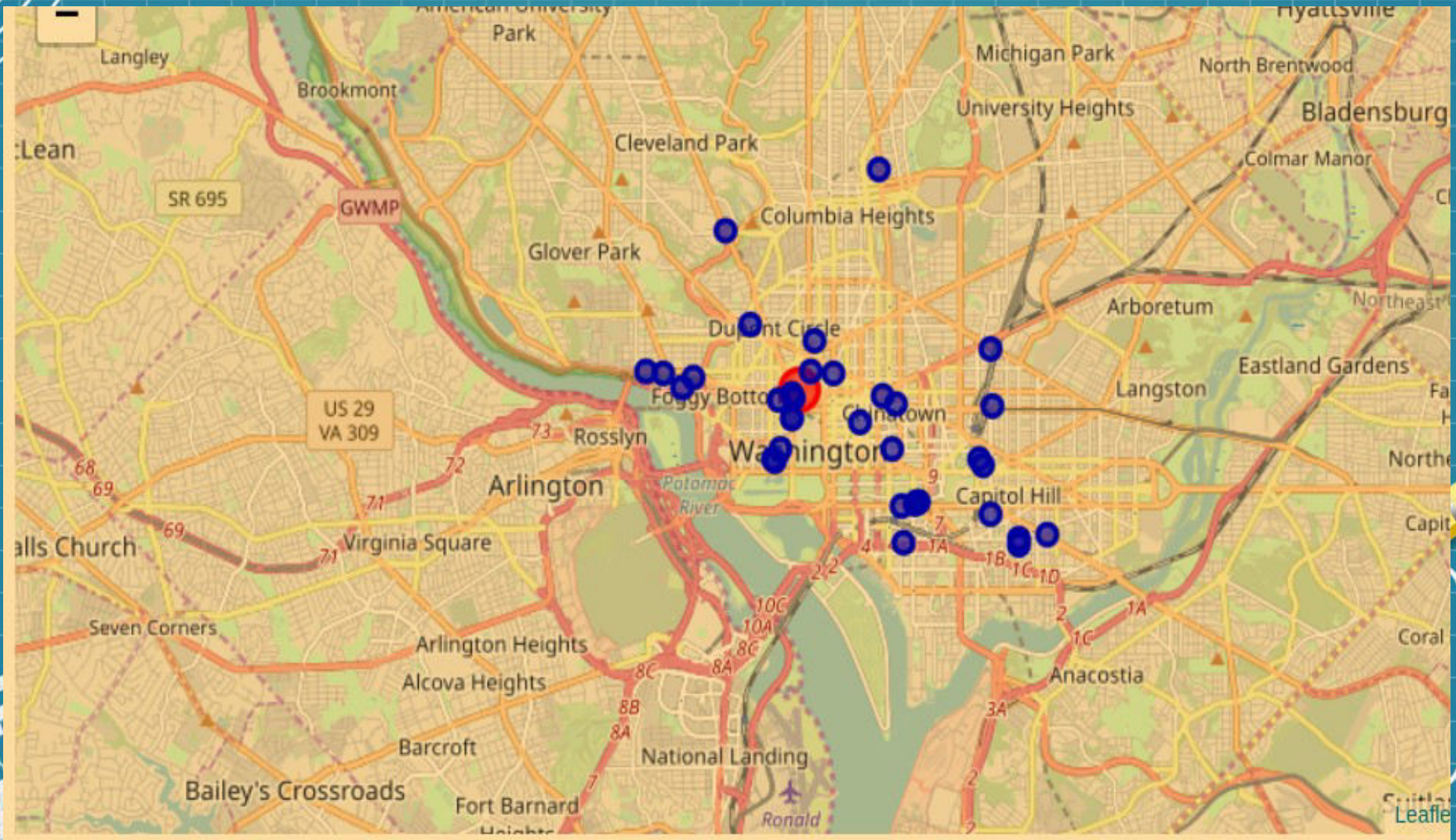
	postalCode	Counts
0	10001	2
1	10003	1
2	10004	4
3	10005	2
4	10006	1
5	10007	7
6	10010	1
7	10011	1
8	10013	3
9	10016	1
10	10017	1
11	10019	1
12	10022	3
13	10023	1
14	10034	1
15	10035	1
16	10036	1
17	10038	1
18	10128	1

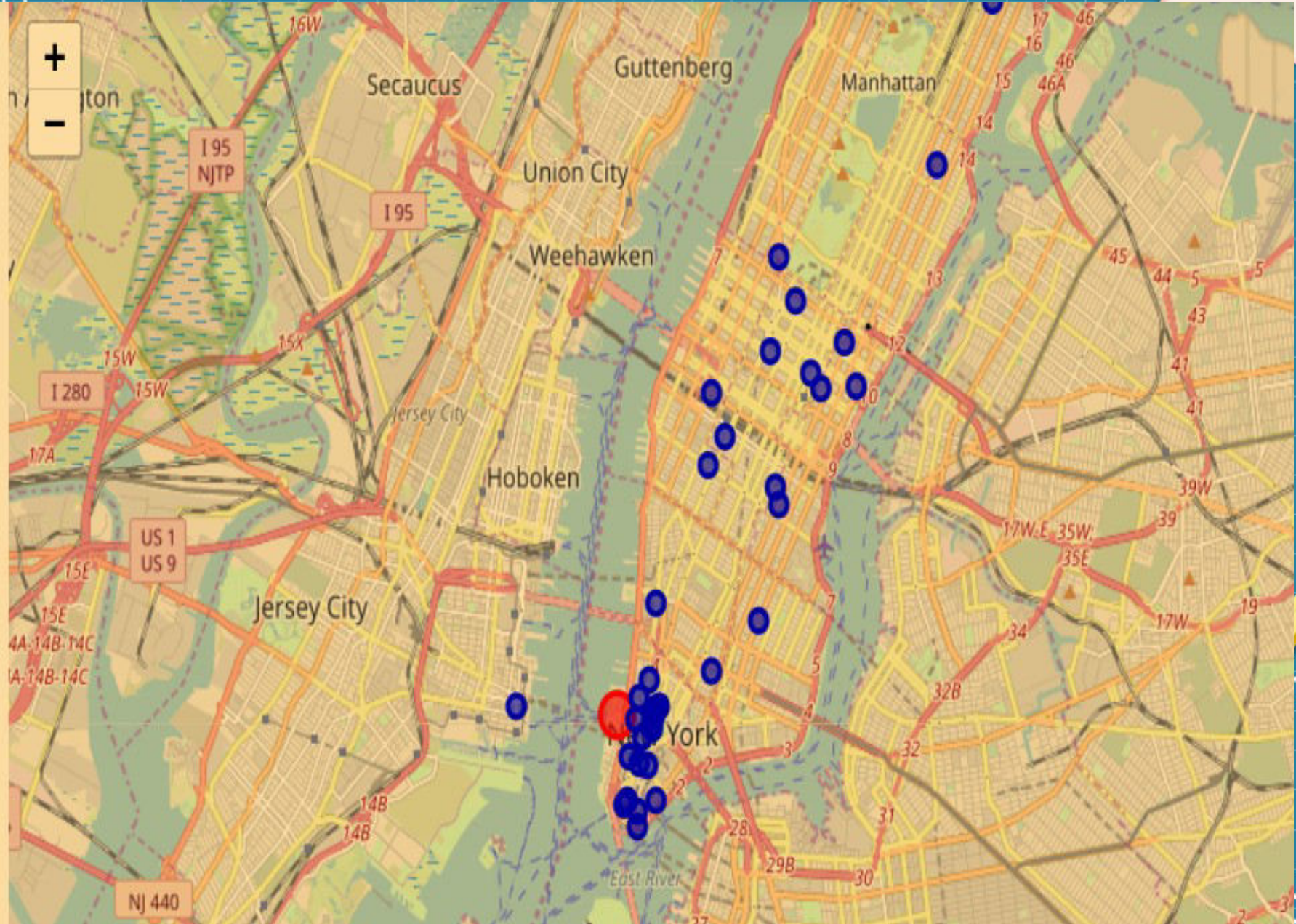


and that for Washington

	postalCode	Counts
0	20001	4
1	20002	1
2	20003	4
3	20004	1
4	20005	2
5	20006	4
6	20007	2
7	20008	2
8	20010	1
9	20240	2
10	20560	2

by having geographical representation with the help of the folium we get the following representations for both.







Predictive Modeling

We apply the clustering to the model and found that in washington area with postcode=20004 and in Newyork area with postcode=10006 is suitable for opening of the Indian Restaurent.



Conclusions

Conclusion of the Project is that by applying the clustering method we found that the New York is Suitable place for the Opening of the Indian Cuisine restaurant, though the number of restaurant is 37 but the population is also major part in the same section. So we recommend to open Restaurant in New York with postcode 10006.