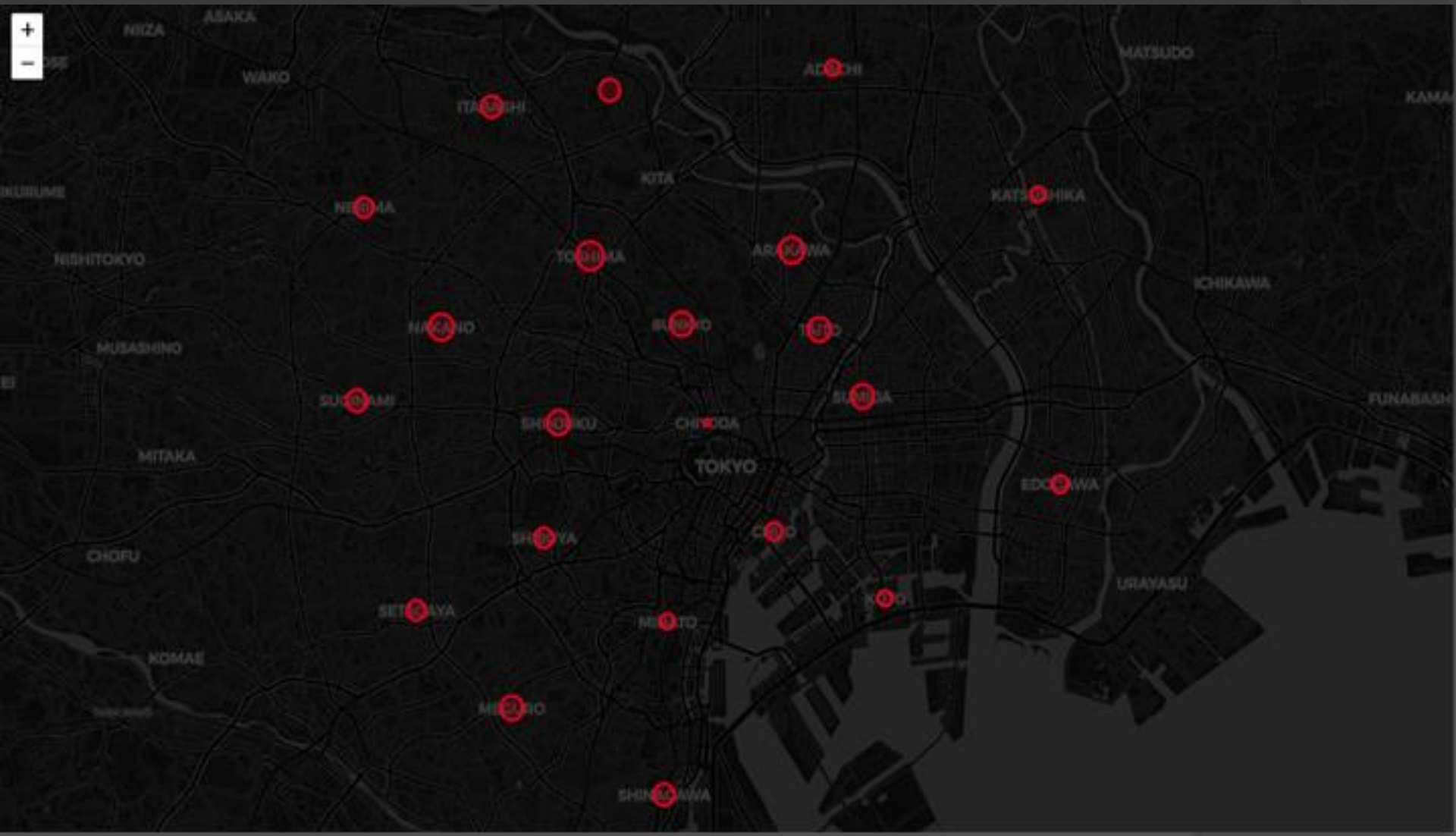
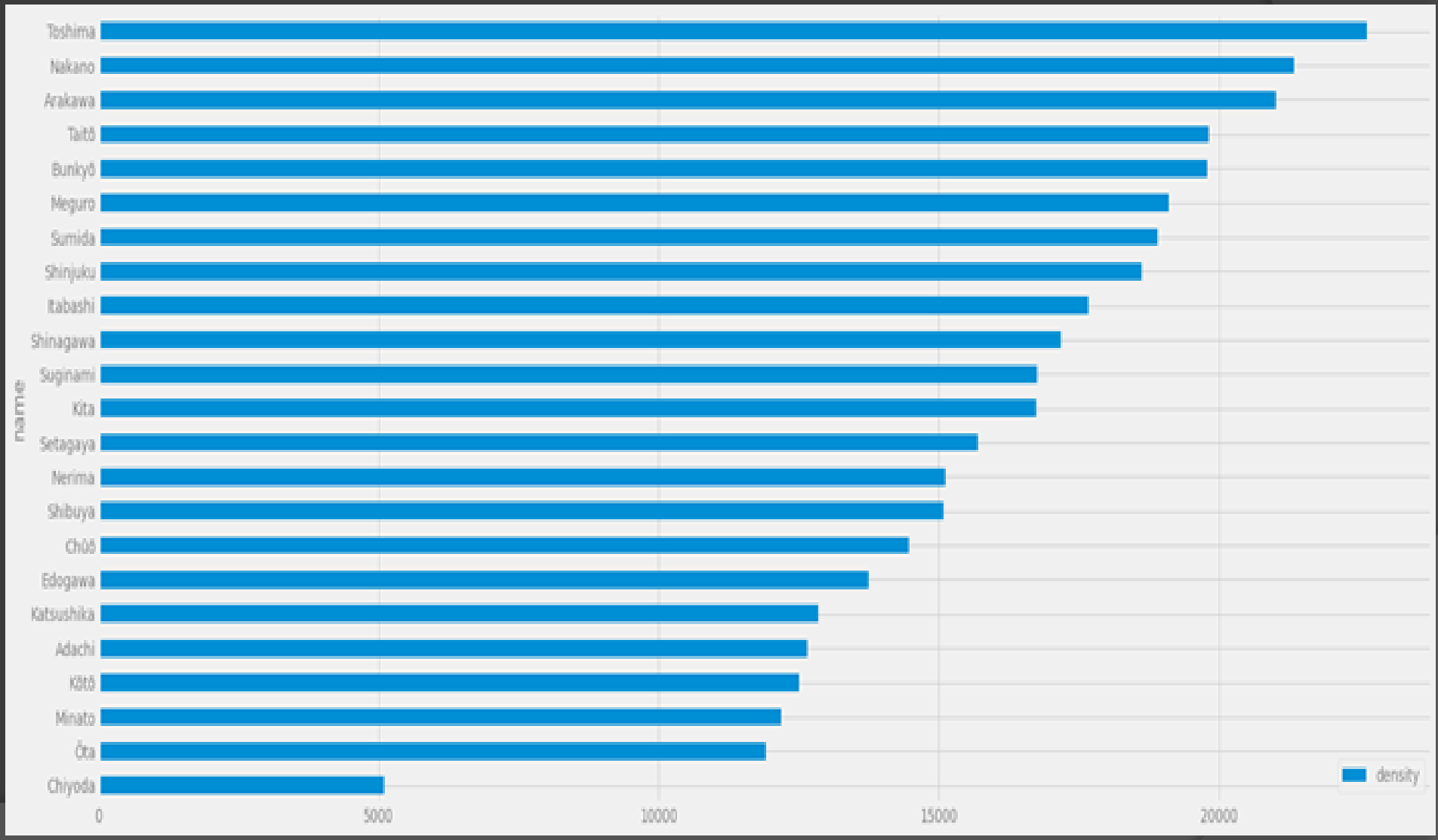
Abhinav Kumar Goswami

EXPLORING RESTAURANTS IN TOKYO

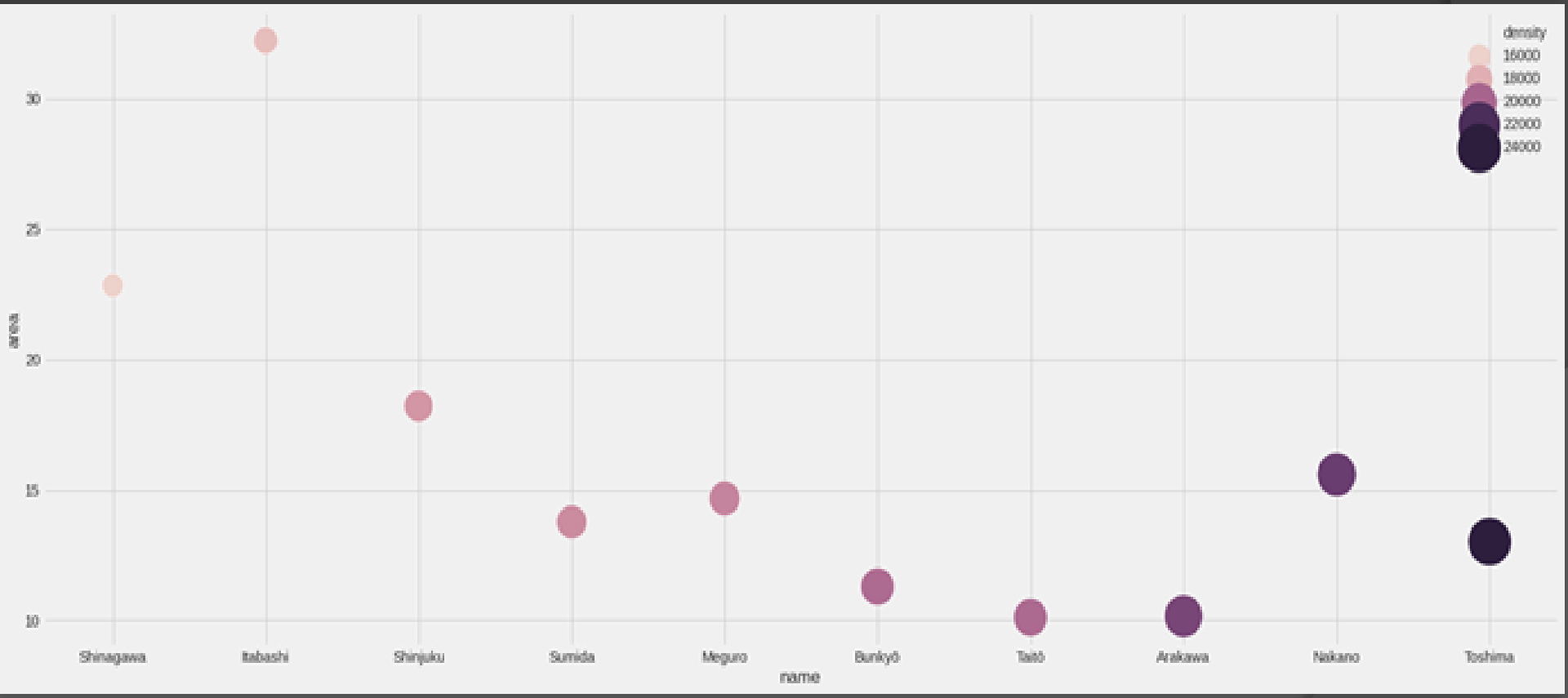
Map


NIIZA
ASAKA
WAKO
MATSUDO
KITA
NISHITOKYO
ICHIKAWA
MUSASHINO
MITAKA
TOKYO
CHOFU
URAYASU
KOMAE

Plot (population density)



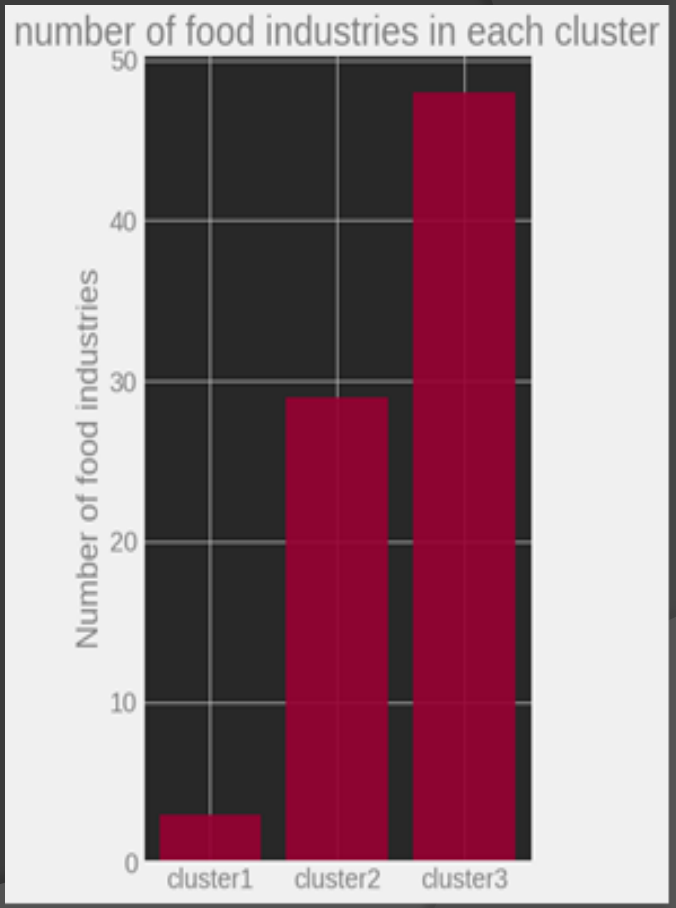
Scatter plot (density and area)



Heatmap(of restaurants)

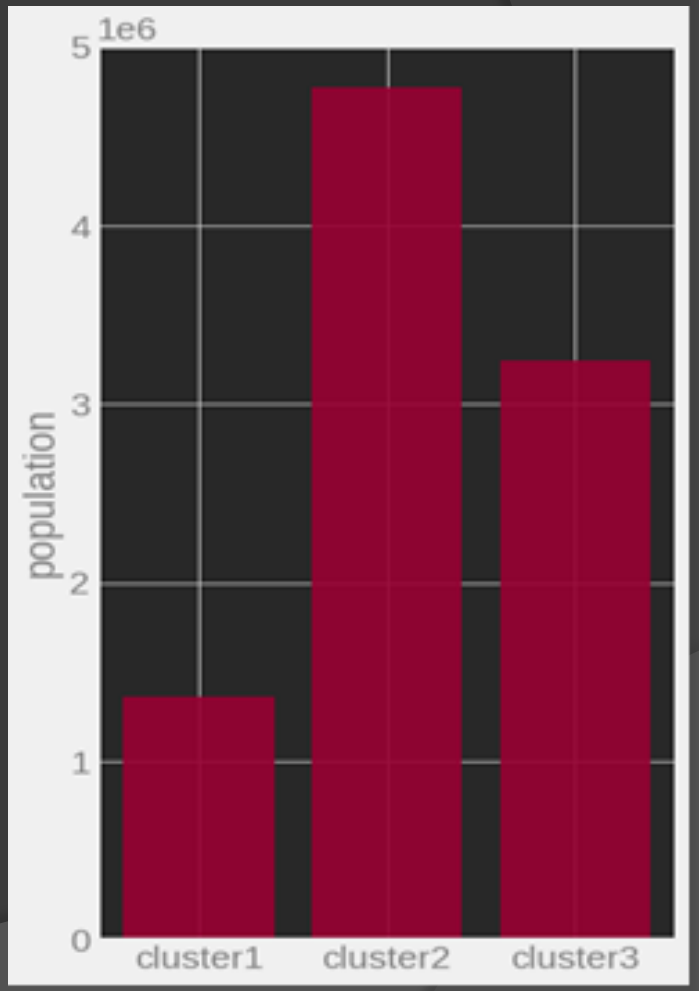
No. of food industries in the cluster

- From the plot it is evident that the number of food industries (in top 10 venues) in cluster 1 is the least.
- The no. of food industries in cluster 3 is highest.

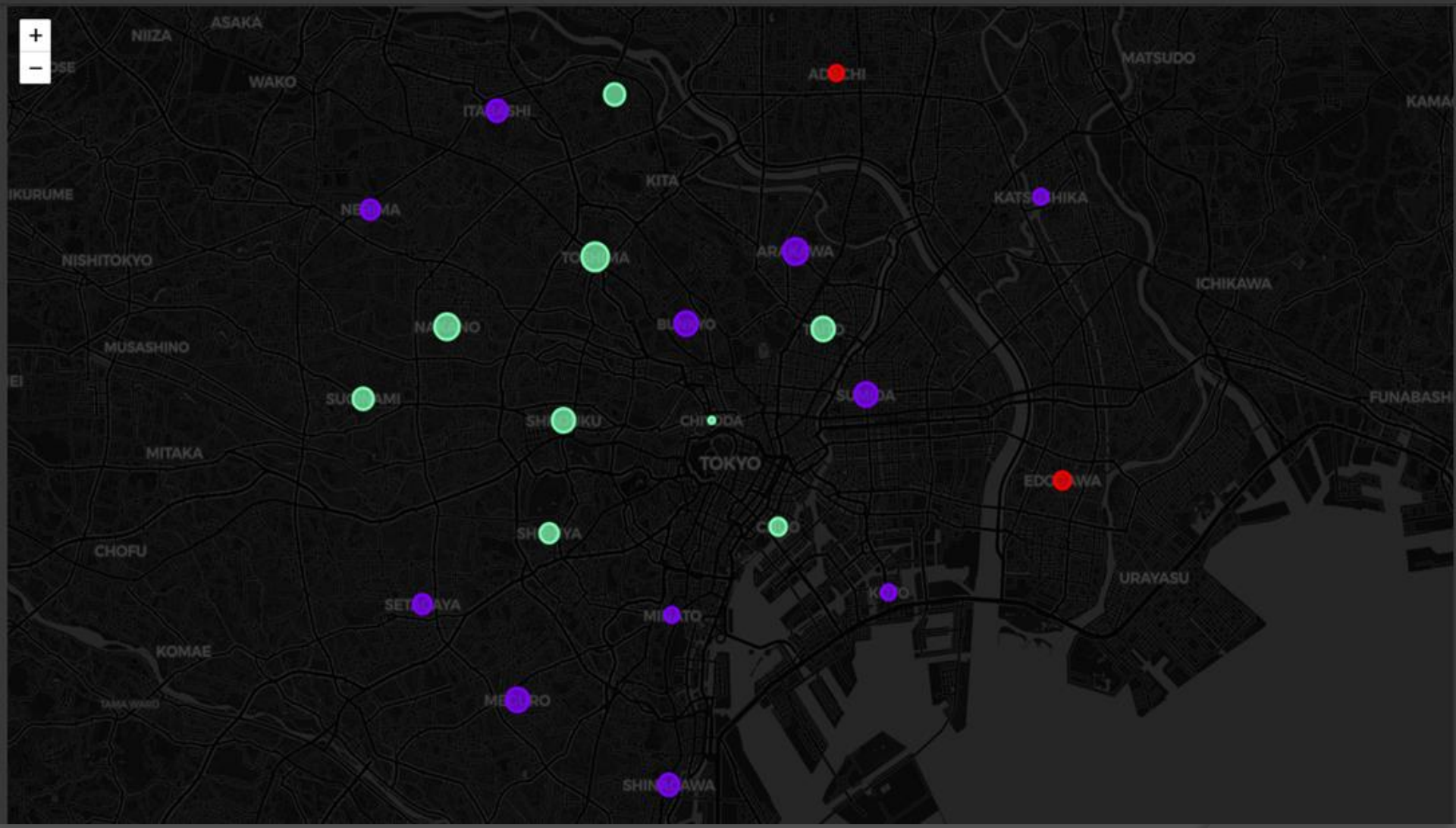


Population of clusters

- The plot shows that the population of cluster 2 is more than that of cluster 3, depicting that cluster 2 is a residential area.



Result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FUNABASHI

Results

- **Cluster1-** Districts in cluster1 have low population density, there aren't many restaurants in cluster 1. The most common venues in cluster1 are convenience stores.
- **Cluster2-** Cluster2 has high density, the most common venue in cluster2 is Convenience Store, there are good restaurants in cluster2.
- **Cluster3-** Cluster3 has high population density and is famous for its restaurants.

Conclusion

- Opening a restaurant in cluster3 where population density is between 15,000 and 20,000 would be a good idea.

Thank you