

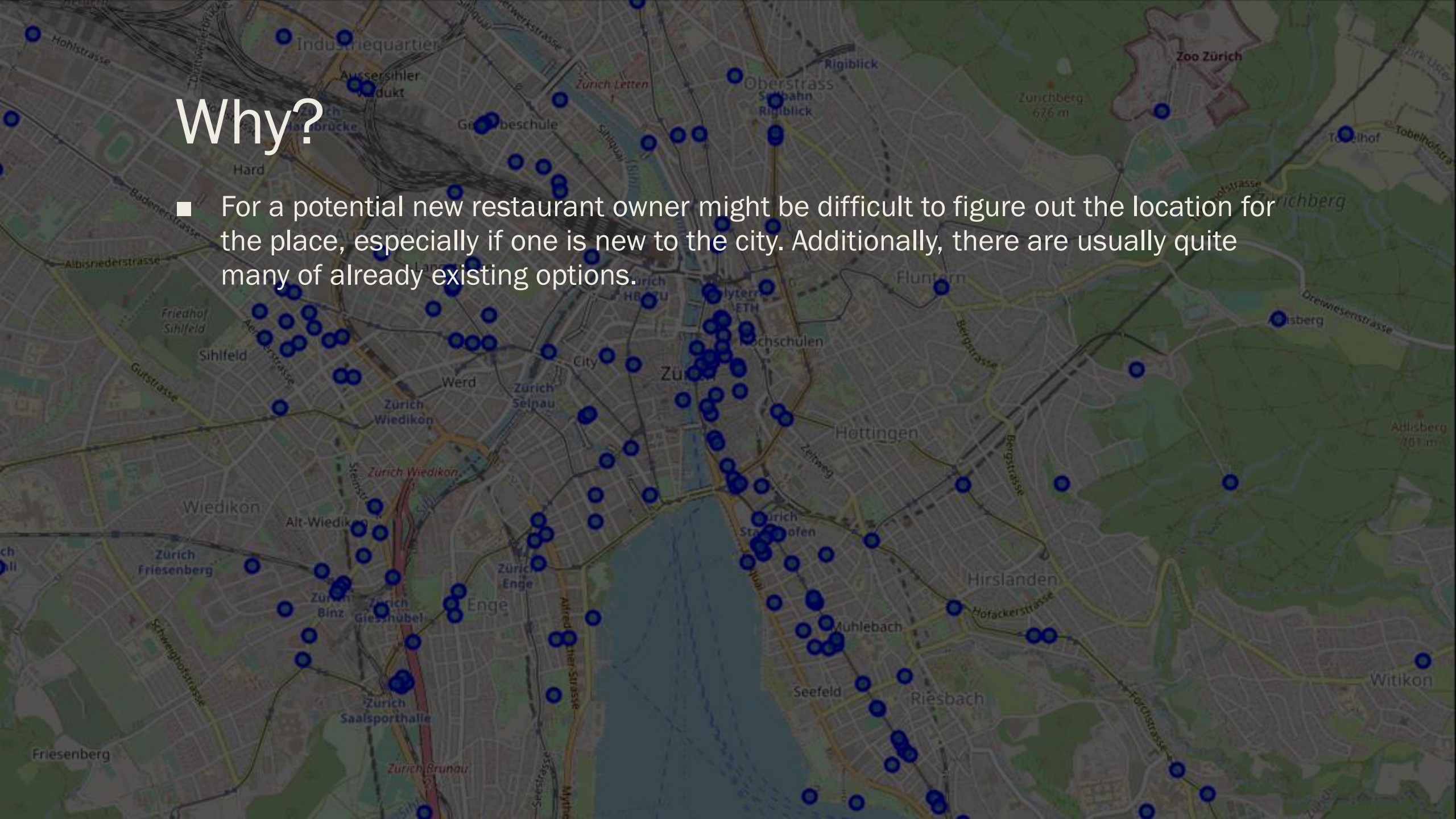


RESTAURANTS CLUSTERING WITH DBSCAN



Why?

- For a potential new restaurant owner might be difficult to figure out the location for the place, especially if one is new to the city. Additionally, there are usually quite many of already existing options.



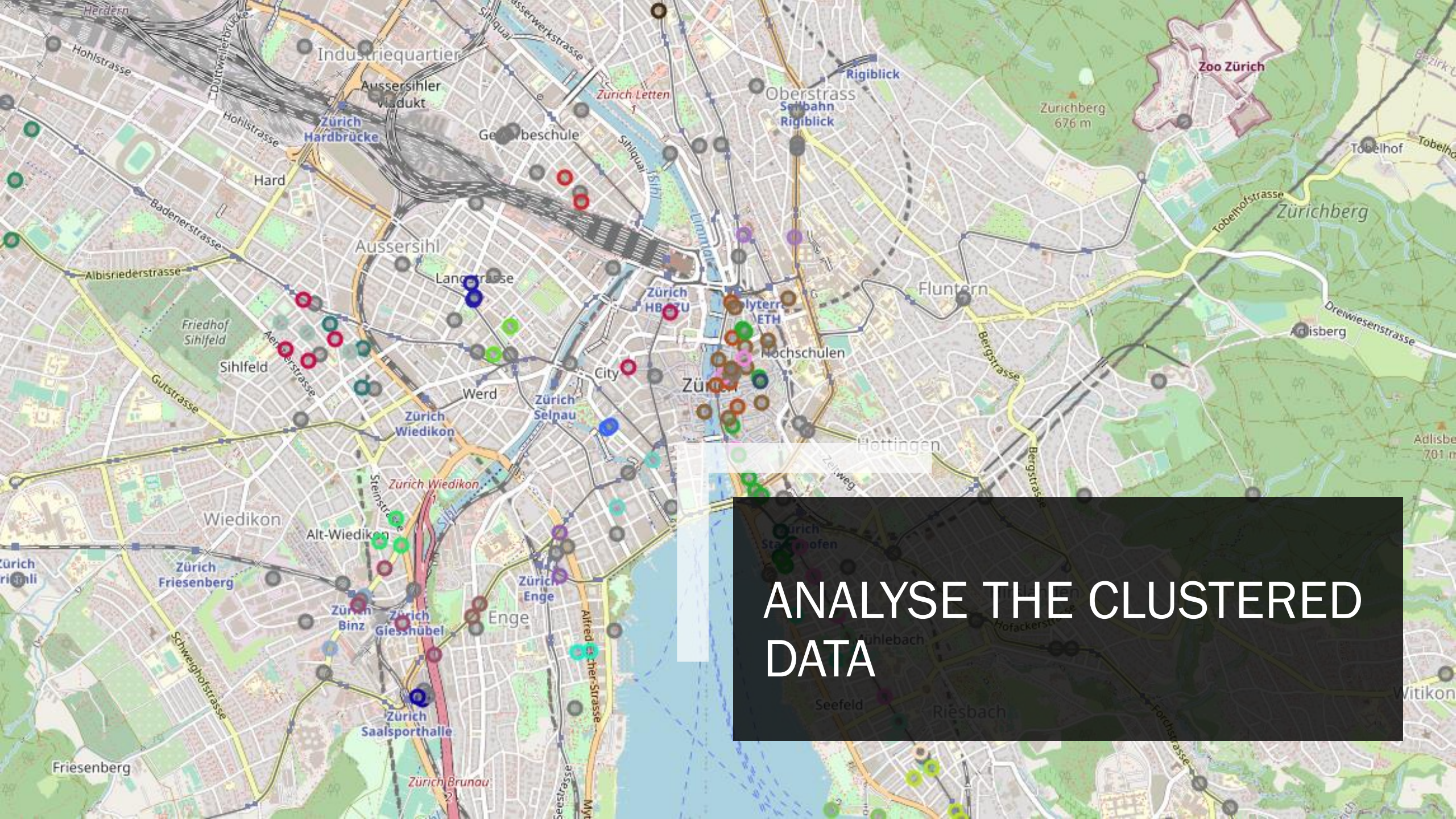


DBSCAN clustering algorithm can help here by finding clusters (groups) of objects with similar characteristics.

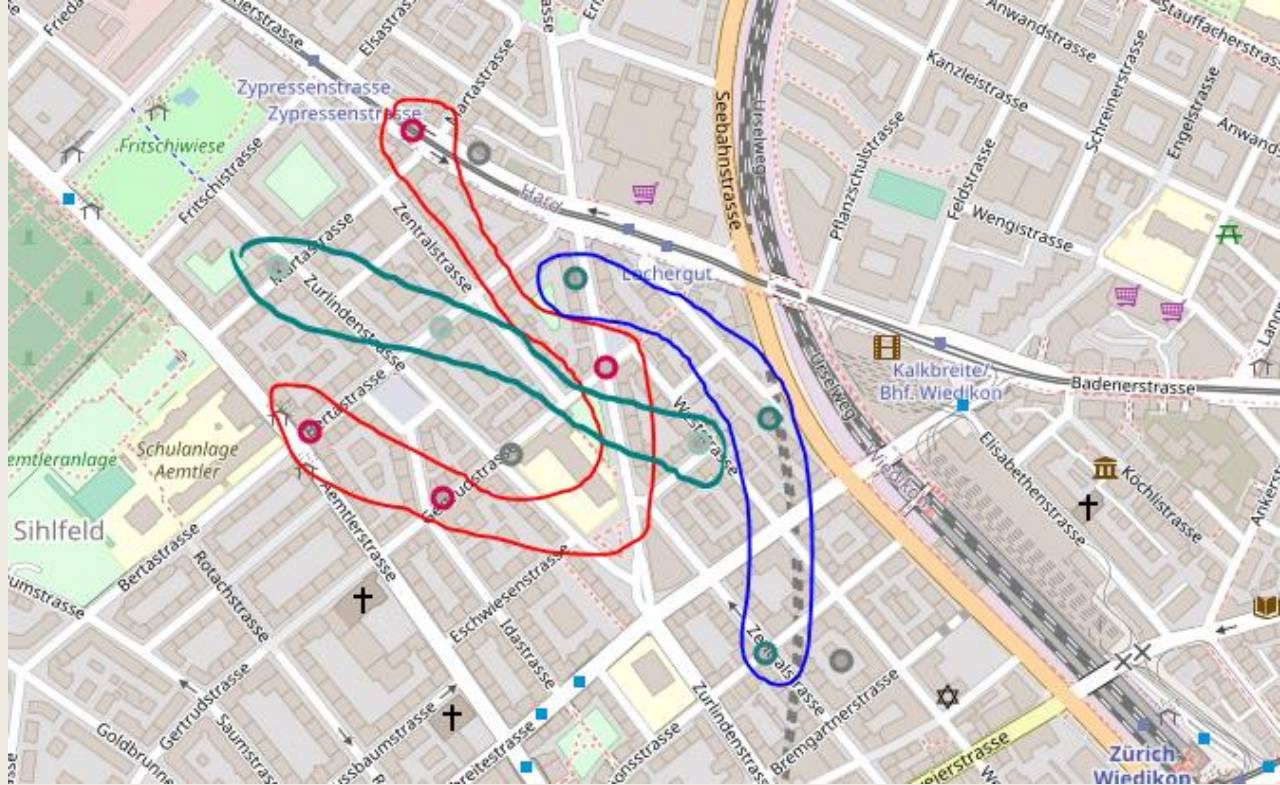
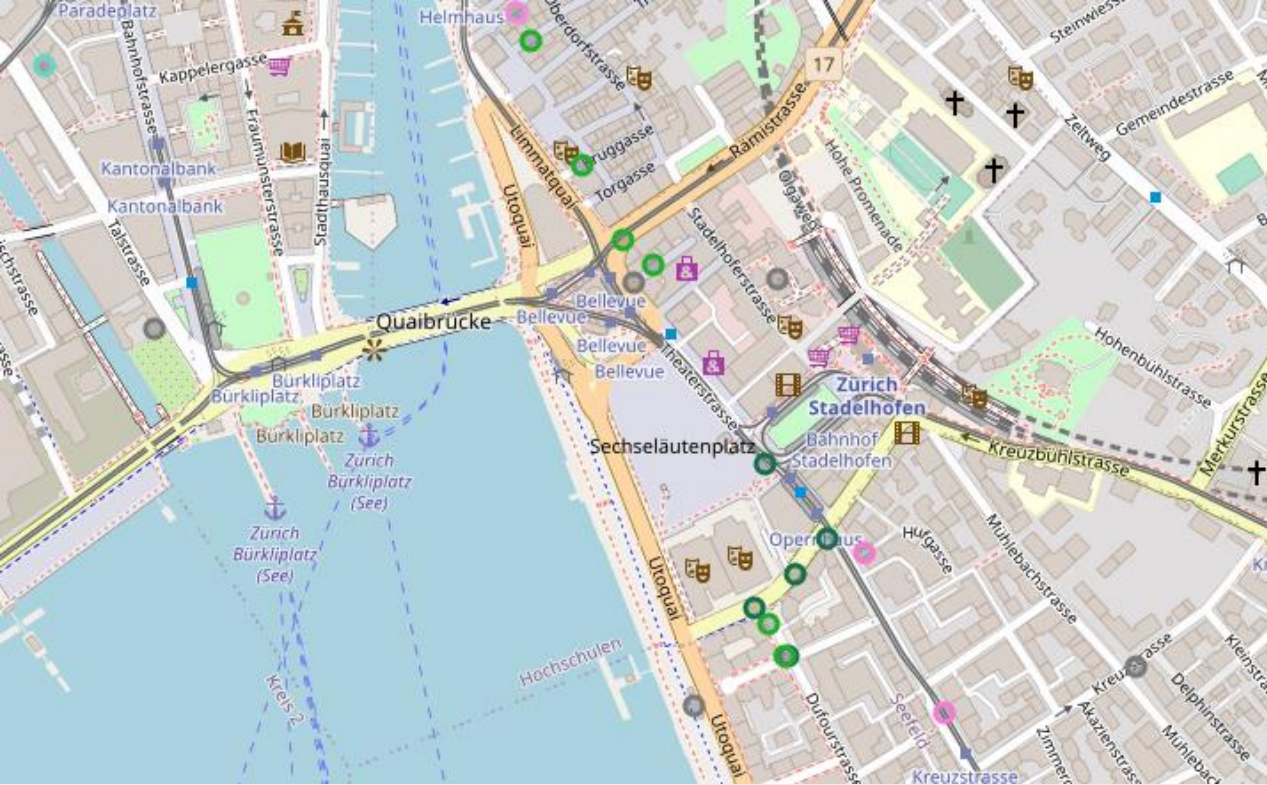


In our case it will figure out for us if there is already sufficient amount of restaurants of certain type in specific location.

Machine
learning
clustering
algorithms
to the
resque



ANALYSE THE CLUSTERED
DATA



Analyze specific location

- Identify existing groups of restaurants of similar character
- Make an informed decision for your future business

Conclusion

- Preliminary analysis using machine learning techniques might give good insight and overview of the city's gastronomical scene, which is of significant value when planning to enter this business.