Predicting the best place for a restaurant opening in Lausanne (Switzerland)

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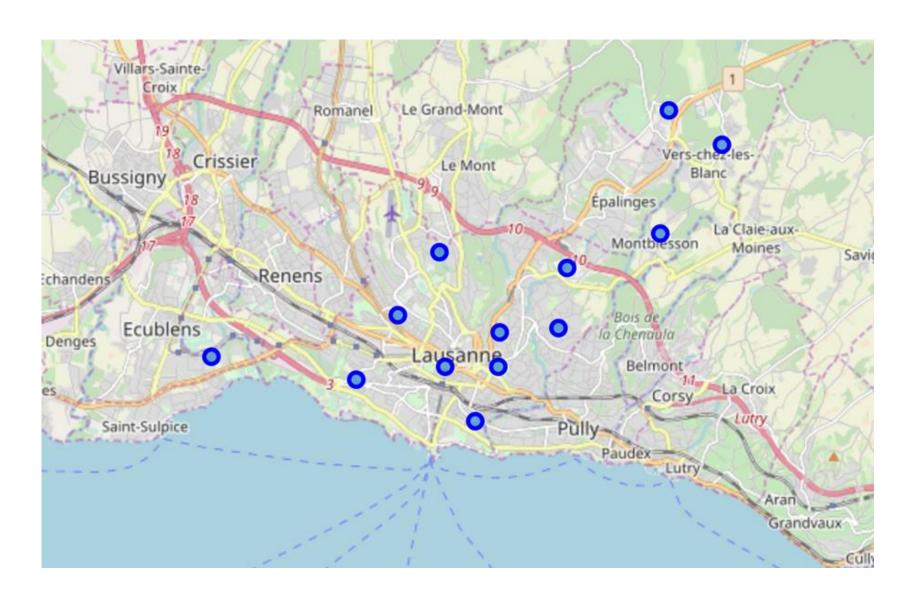
Predicting best location for new restaurant opening is a valuable information to start a new business

- Food, service but also the location have to be choosen in a meaningful way
- For the location, different parameters to take into account:
 - Parking availability
 - Visibility
 - Neighborhood competition

Data acquisition and cleaning

- Geospatial data scrapped from :
- https://data.geo.admin.ch/ch.swisstopovd.ortschaftenverzeichnis plz/PLZO CSV WGS84.zip
- Features selection: locality, Postcode, Longitude, Latitude
- Data selection: geospatial data concerning Lausanne location

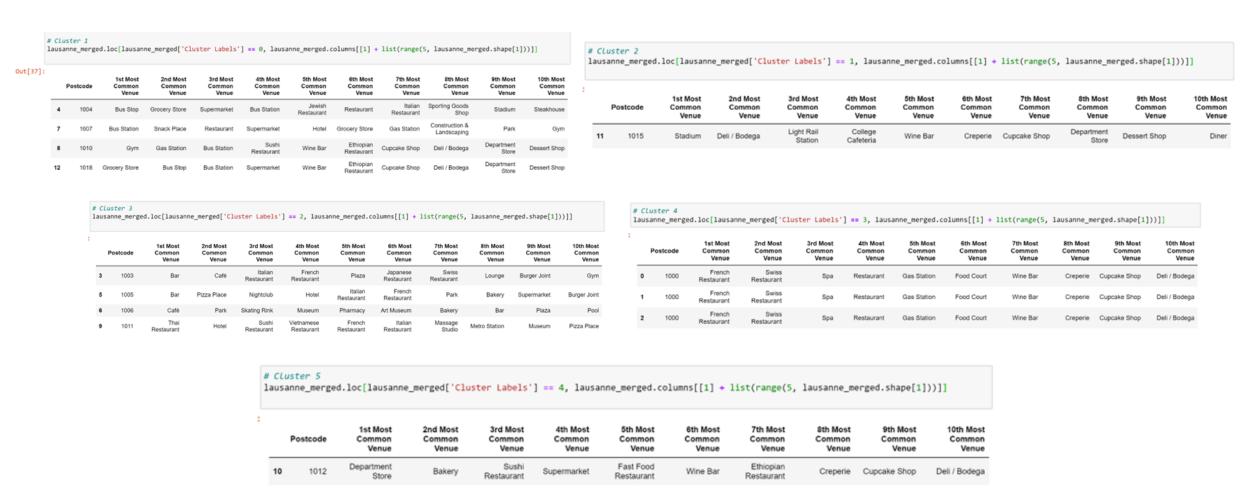
Data representation on a map



Cluster analysis of different Lausanne areas on a map



Cluster analysis of different Lausanne areas



Conclusion

Regarding restaurant competition and visibility:

- Cluster 3 and cluster 4 should be avoided to start a new restaurant

- Cluster 1, 2 and 5 are better place to start a new restaurant business because there are not so much famous restaurants in these areas