Perfect Date Spot

Coursera Capstone Project by MTApoloner

Introduction & Business Plan

When people are dating it is always hard to find the perfect spot, which I consider here as:

- being similarly easy to reach for both,

- offers the possibility to go for a walk or see something without entrance fees,

- and later on go for a drink or coffee close-by.

The idea can be interesting for people who are new in a city, who don't have any creative ideas of their own or just want to explore new places together.

Data

- location of daters → mean location
  e.g. from mobile phones

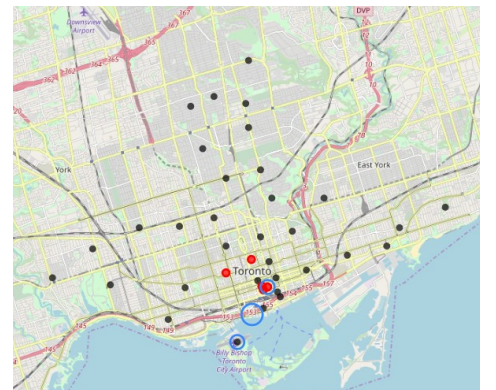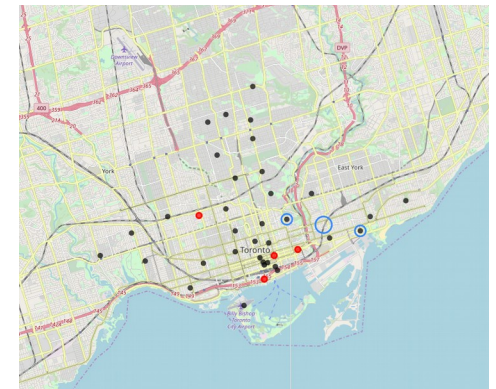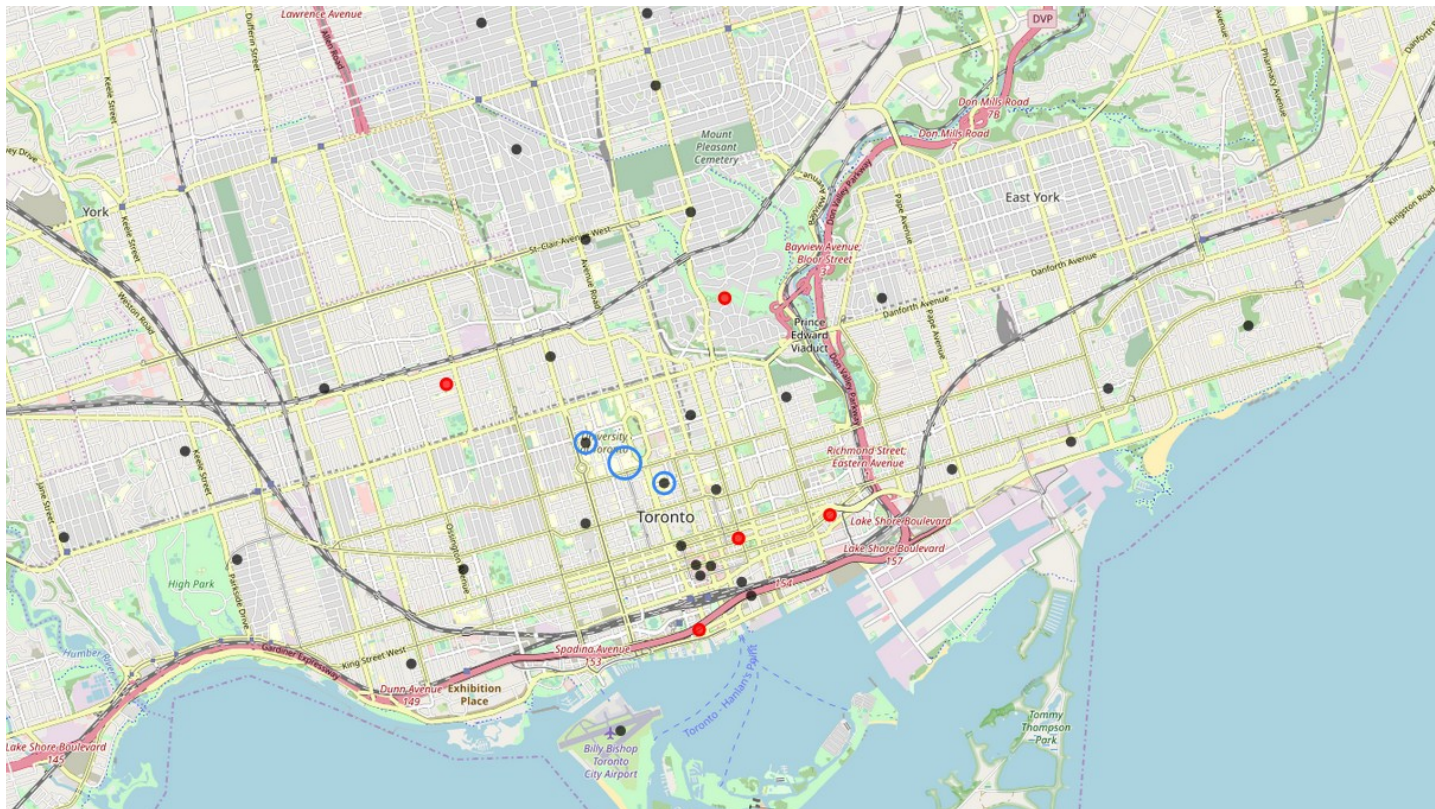- venues in the area

  e.g. from foursquare

Method

K-means clustering with

- vicinity to mean location

- number of cafes close-by

- number of parks close-by

Results

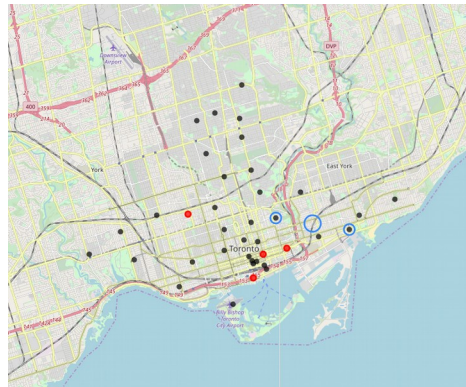## Examples for 3 couples (blue) + best locations (red)

Discussion

The algorithm only accounts for the exact given venue type e.g. only cafes are selected and no coffee shops.

Also the weight of the different parameters (vicinity, number of cafes and parks) depends on the users and is not adapted.

Cafes and vicinity are good parameters, however the selection happens mainly because of parks existing in the area.

Conclusion

As one would assume mostly areas in the city center are selected because of a higher number of venues and a mean location that is mostly in the city center.

Thank you!