APPLIED DATA SCIENCE CAPSTONE PROJECT

OPENING A RESTAURANT IN AMSTERDAM
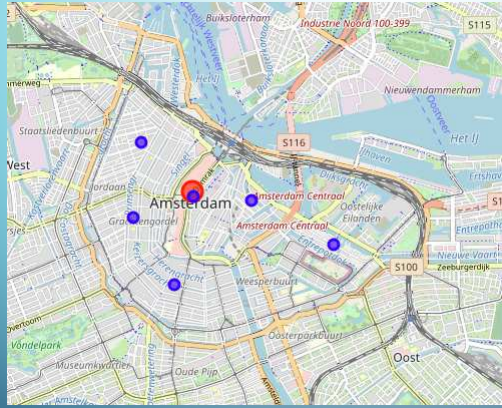
INTRODUCTION

- **Problem description**
  - I have been asked to advice on opening a restaurant in Amsterdam. I am asked where and what kind of restaurant should be opened.
  - The investor has connections with several owners of restaurants and is eager to invest in a likely location for expansion.

- **Data description**
  - Foursquare data is investigated to recommend a location and type of restaurant.
  - To be able to advice on the problem I need to find the neighborhood with the best restaurants and check what kind of restaurants there are.
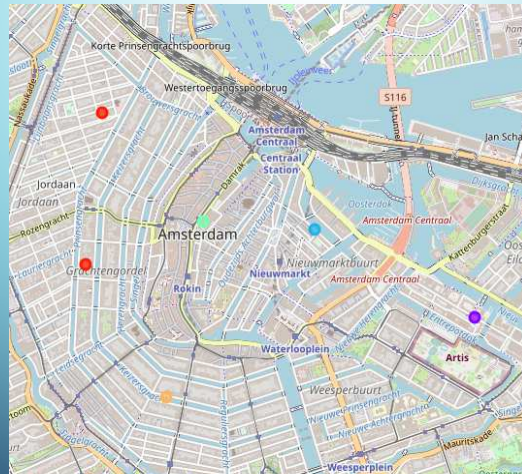
NEIGHBORHOODS IN AMSTERDAM

VENUES IN AMSTERDAM

Neighborhood	Venue
Burgwallen (Oudezijde en Nieuwezijde)	73
Lastage, Oosterdokseiland, Rapenburg, Uilenburg, Valkenburg, Waterlooplein	40
Noordwestelijke Grachtengordel, Noord-Jordaan, Marnixplein	100
Weesperbuurt, Plantage, Sarphatistraat, Kadijken, Oostelijke Eilanden, Czaar Peterbuurt	40
Westelijke Grachtengordel, Zuid-Jordaan, Raamplein	83
Zuidelijke Grachtengordel, Leidsebuurt, Weteringschans, Frederiksplein, Rembrandtplein	69

CLUSTERS OF VENUES

CONCLUSION

- Based on the clustering we can decide that a French restaurant in "Noordwestelijke Grachtengordel, Noord-Jordaan, Marnixplein" would be the best choice