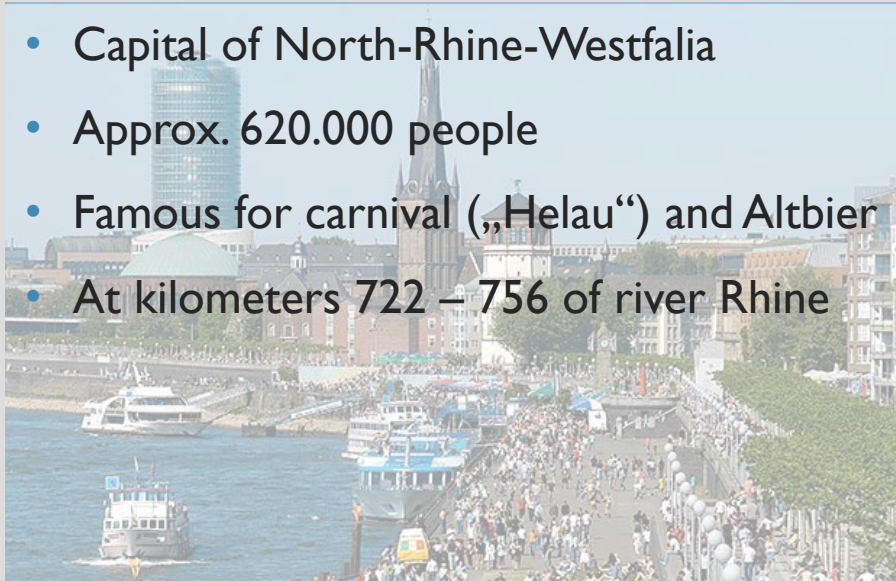


BATTLE OF THE NEIGHBORHOODS - AT THE RIVER RHINE IN GERMANY

TWO CITIES - 30 KM DISTANCE – BUT TWO DIFFERENT CULTURES

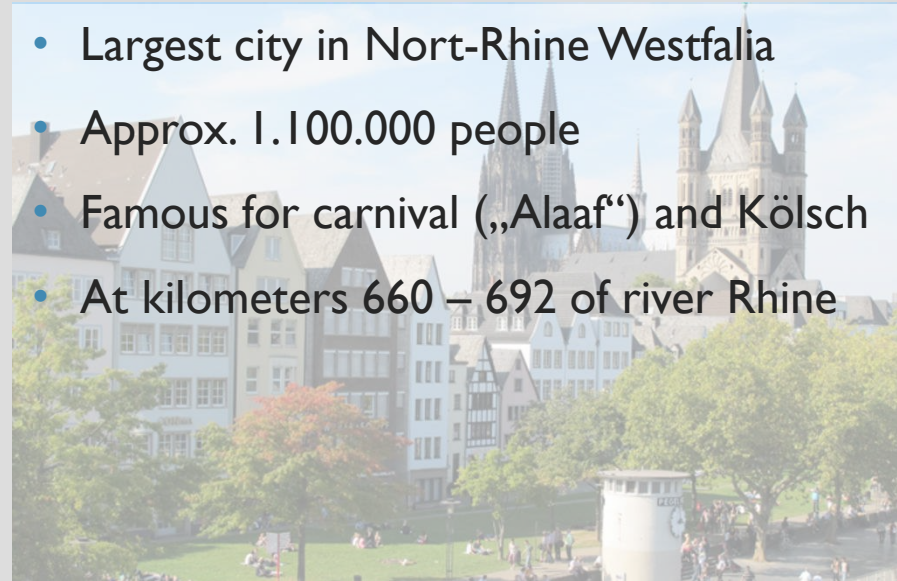
DÜSSELDORF

- Capital of North-Rhine-Westfalia
- Approx. 620.000 people
- Famous for carnival („Helau“) and Altbier
- At kilometers 722 – 756 of river Rhine



COLOGNE

- Largest city in North-Rhine Westfalia
- Approx. 1.100.000 people
- Famous for carnival („Alaaf“) and Kölsch
- At kilometers 660 – 692 of river Rhine



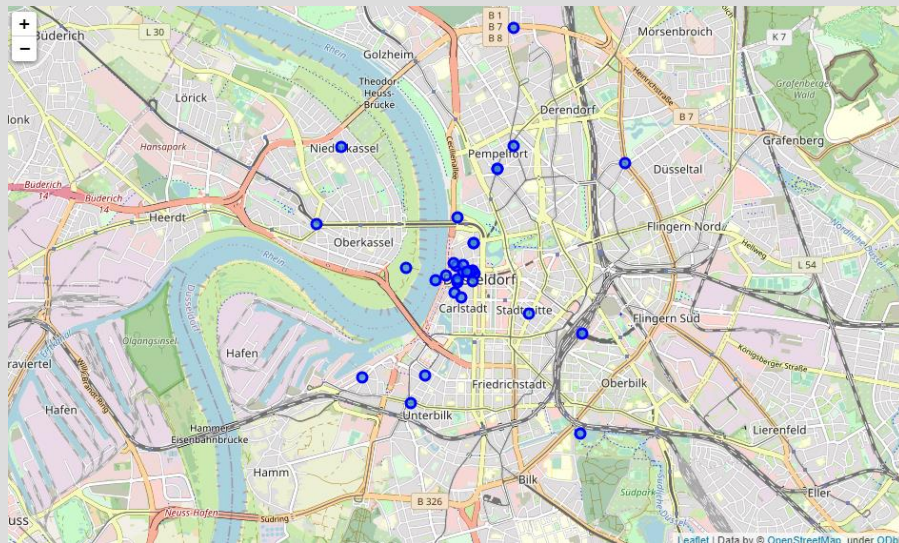
BEER CULTURE CLASH



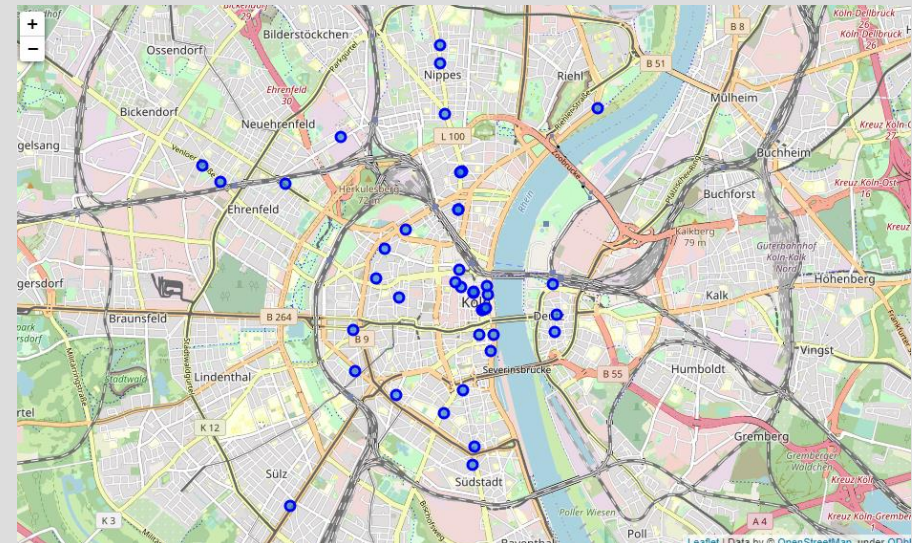
- Both kind of beers, the light “Kölsch” from Cologne and the dark “Altbier” from Düsseldorf are a specialty of its respective hometown and have a long lasting history.
- Which city has more “beer pubs” with own brewery in the pub resp. pub included in the brewery?
- Foursquare is the ideal data source and folium the right tool to visualize data in a map.

LARGER QUANTITY IN COLOGNE

DÜSSELDORF - 40 "RHEINISCH
RESTAURANTS" AND BREWERIES

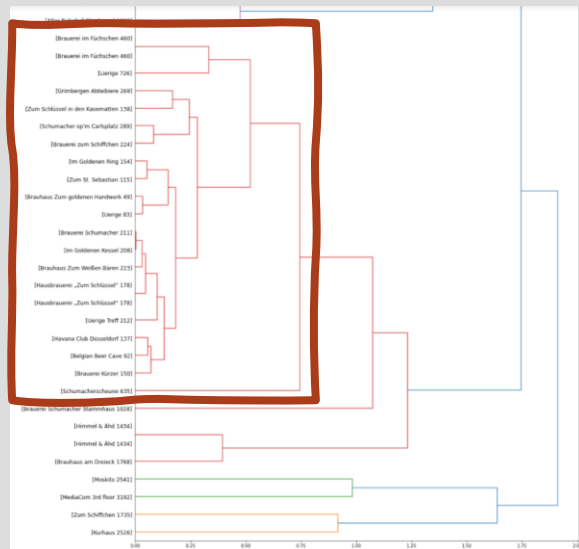


COLOGNE - 55 "RHEINISCH
RESTAURANTS" AND BREWERIES

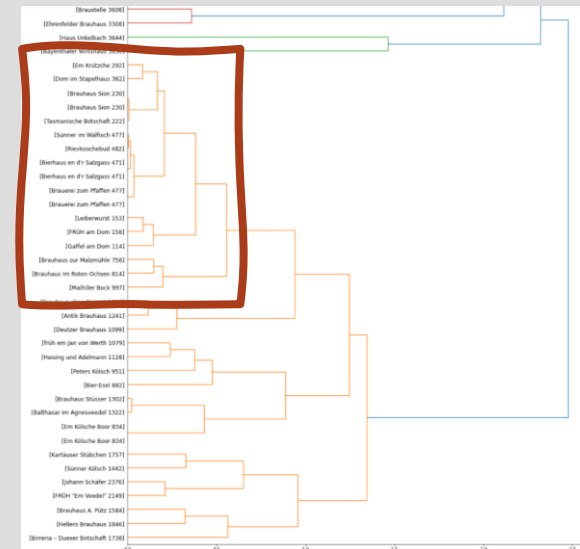


HIGHER DENSITY IN DÜSSELDORF

DÜSSELDORF - A CLUSTER OF 22 VENUES
UP TO 1096 M AROUND THE "ALTSTADT"



COLOGNE - A CLUSTER OF 16 VENUES
UP TO 997 M AROUND THE CATHEDRALE



THE WINNER IS ...

- Cologne: It has more „pub breweries“.
- Düsseldorf: Compared to the city size it has more „pub breweries“ and it has a high density cluster in its „Altstadt“.



P.S.: Düsseldorf tourist office already claims to have “the longest counter in the world”, referring to the high density in its Altstadt. This is fully correct as we have learned.