

PARIS, THE PLACE TO WORK

CAPSTONE PROJECT FOR IBM DATA SCIENCE COURSE

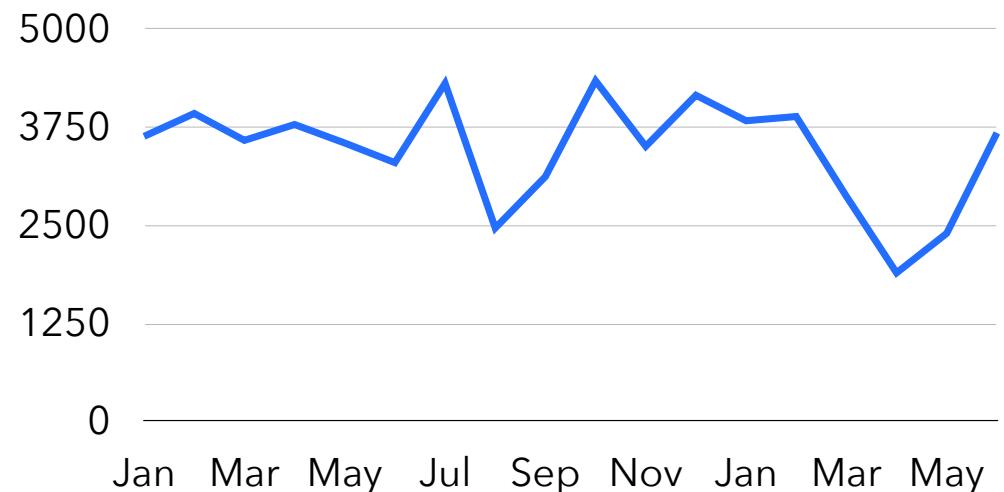


WHERE DO YOU WANT TO WORK ?

CHOOSE THE BEST PLACE FOR YOUR COMPANY

- More than 3000 companies are created each month in Paris
- Location is one of the most important element of success
- How to choose the best place ? Venues nearby, other companies from the same business field... and of course price !

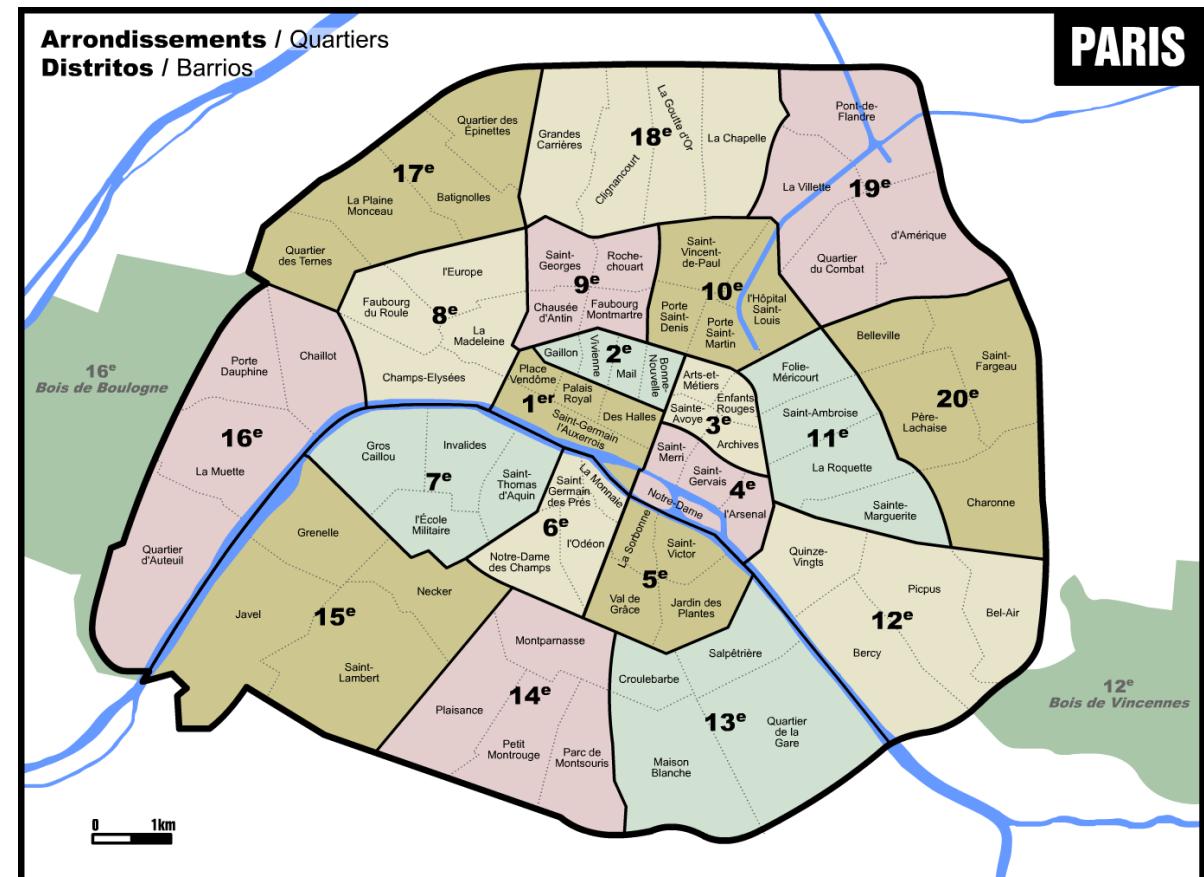
Incorporation 2019-2020 - Paris



SOURCE: INFO GREFFE [HTTPS://WWW.INFOGREFFE.COM/GREFFE-TRIBUNAL/GREFFE-PARIS/STATISTIQUES-GREFFE-PARIS.HTML](https://WWW.INFOGREFFE.COM/GREFFE-TRIBUNAL/GREFFE-PARIS/STATISTIQUES-GREFFE-PARIS.HTML)

THE SHAPE OF PARIS

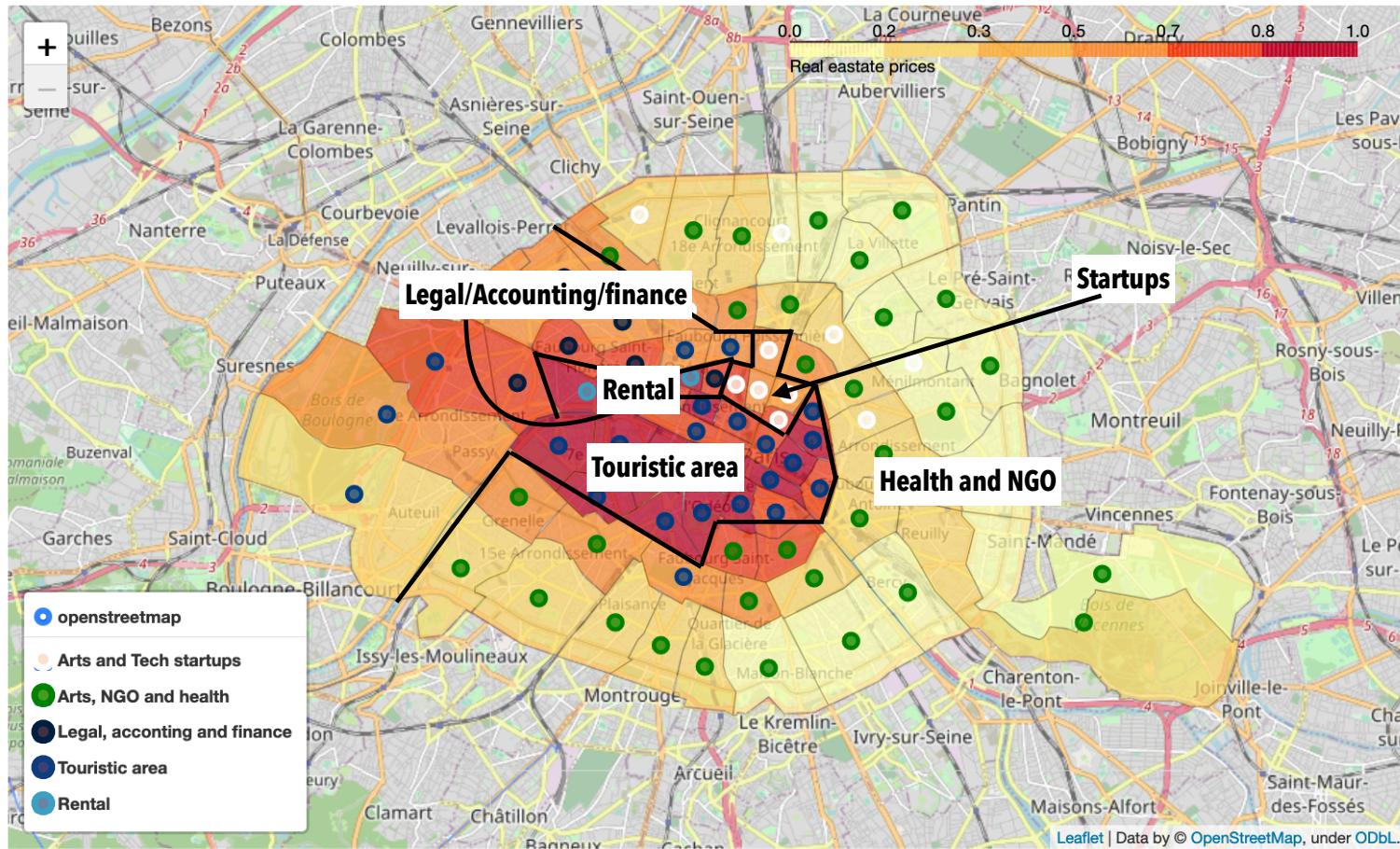
- 20 borrows called « arrondissements »
- 4 neighborhood / borrow
- We want to choose the best one to install our headquarters



DATA SOURCES

- Venues nearby 
- Companies registered in Paris - SCI (private companies to own real estate) were excluded
- Appartements buying transactions in 2019 - cleaned to remove non realistic prices
- Neighborhood definition (geojson file)
- A function to get neighbourhood based on latitude and longitude was created

RESULTS



DISCUSSION

- Companies data taken into account in the study are nearly complete
- Foursquare data are based on contributions and will mainly add museum and touristic informations
- Could be interesting to differentiate the 2 sources of data and see which clusturing will result
- Extend the perimeter to some places arround Paris. For example, la défense, is a large business neighborhood but is located outside Paris. As prices increase in Paris, companies start also moving in cities just arround Paris