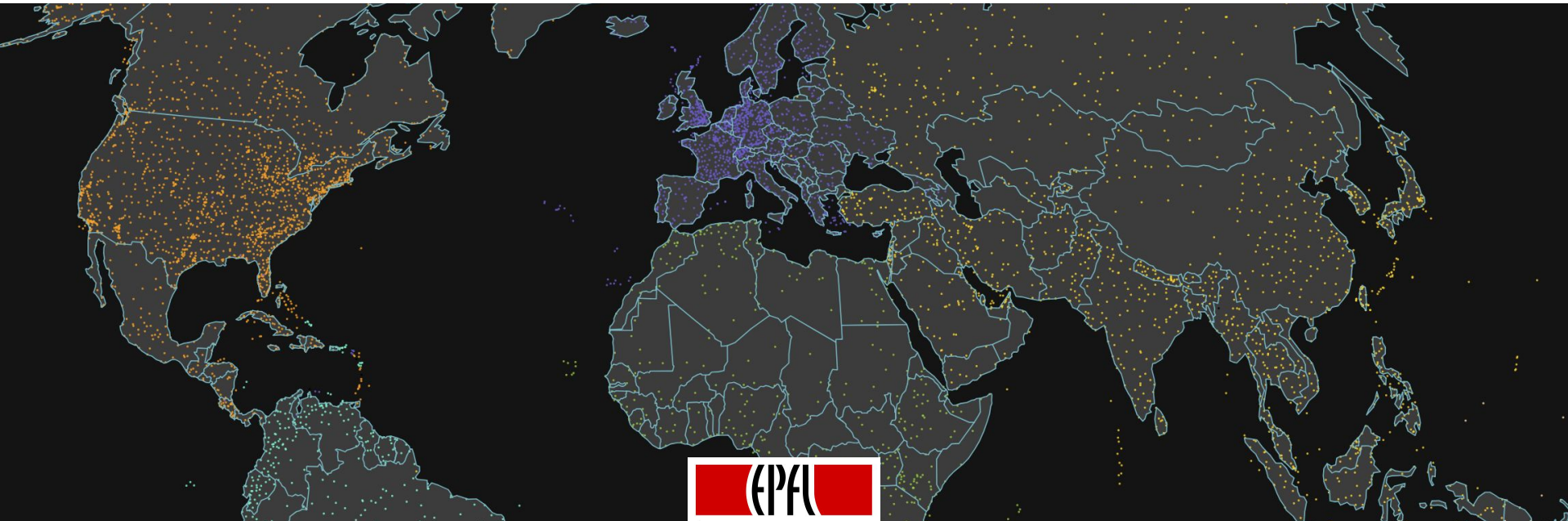


A network tour of Data Science

an overview of intercontinental flight route connections



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Data visualization

why javascript?

d3.js

- javascript library for dynamic, interactive data visualizations
- easy to load csv files
- built-in map projections
- join operation between geometric forms and data
- handy to attach events to data points

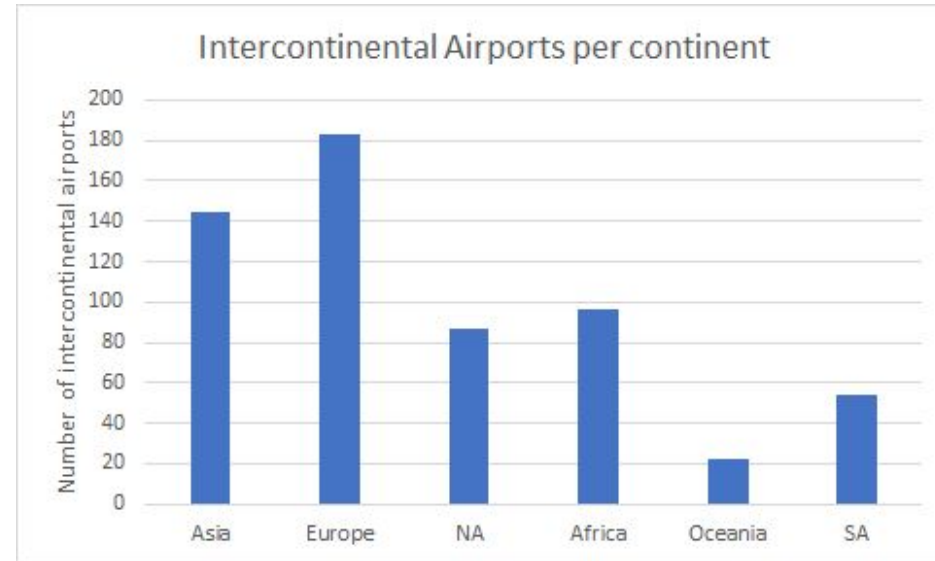
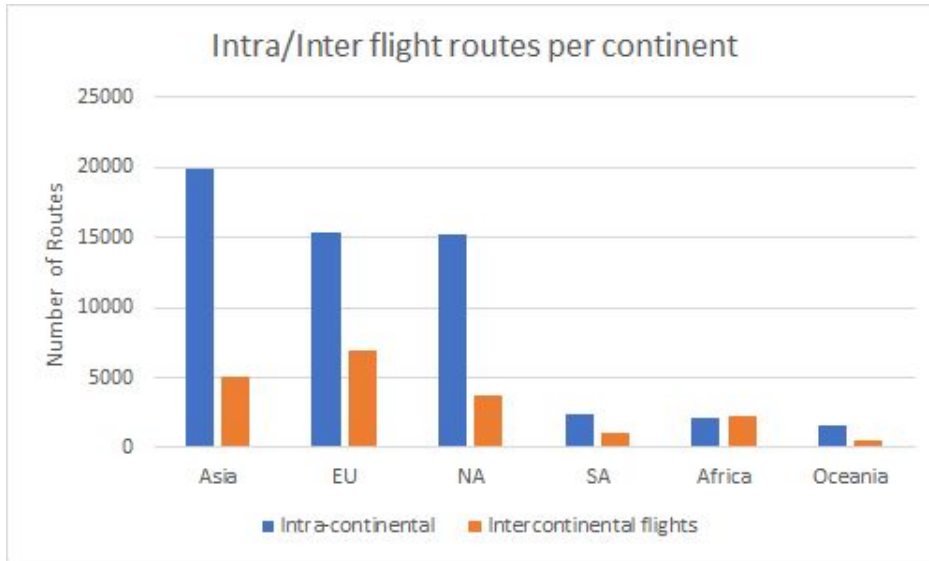
Interactive Map / Data visualization

Link towards the interactive map :

<https://frankschmutz.github.io/NTDS2019FinalProject/>

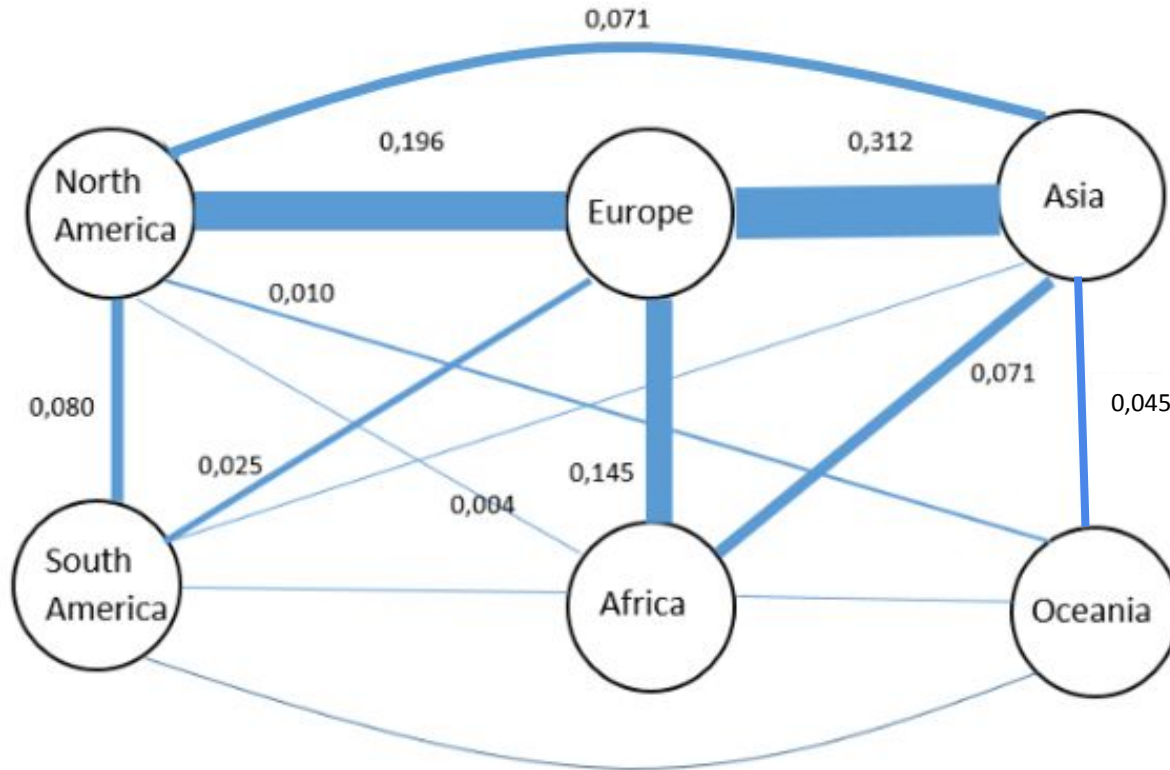
- Degree and cluster range filters
- A color for each continent = data labels

Inter/Intra Continental Routes and Airports per continent



- As expected, the richest areas are the more connected areas (Europe, Asia, North America)
- EU is the biggest intercontinental hub
- Africa has more “intercontinental airports” than North America

Weighted graph of the intercontinental flight routes worldwide



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