

Taxi Trajectory Analysis

Demo

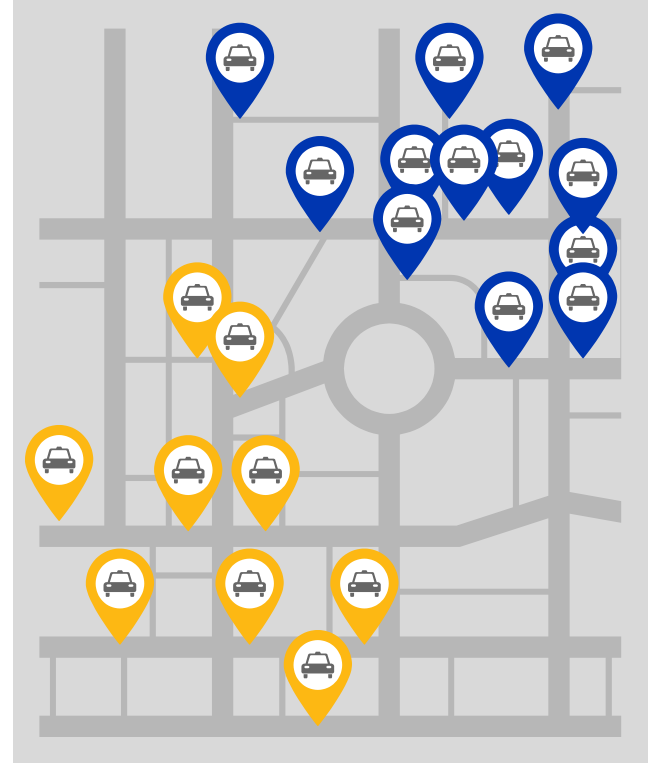
EDAA - G04

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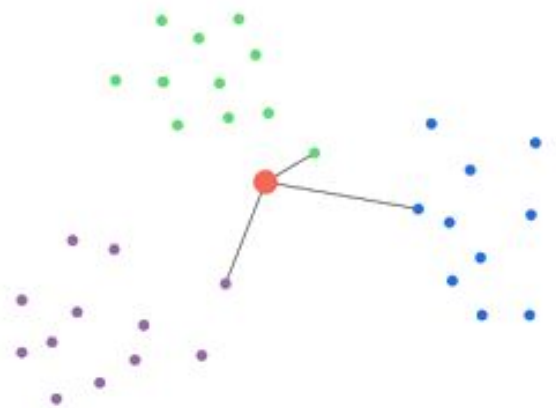
Problem recap

Clustering of the **processed data points** in the first part of the project.

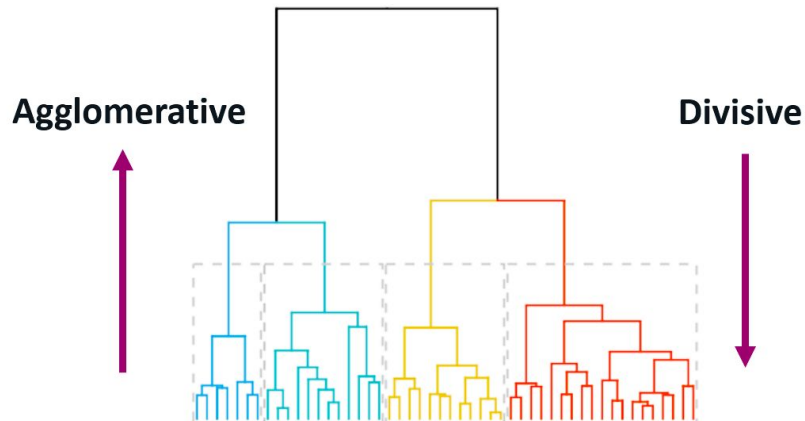


Clustering

Two approaches:



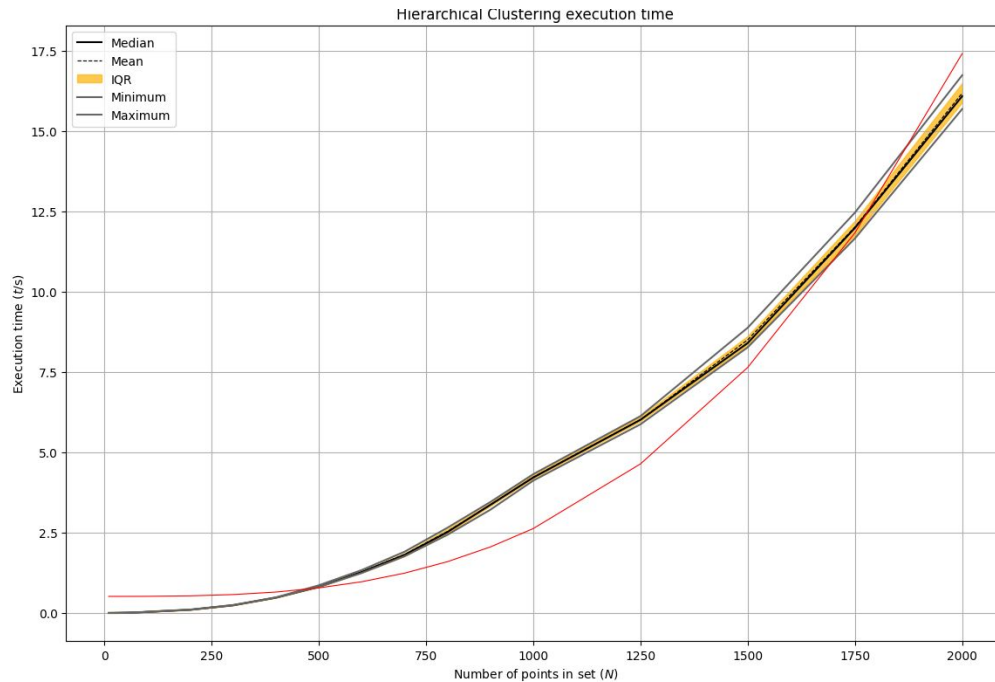
k-means



Hierarchical Clustering

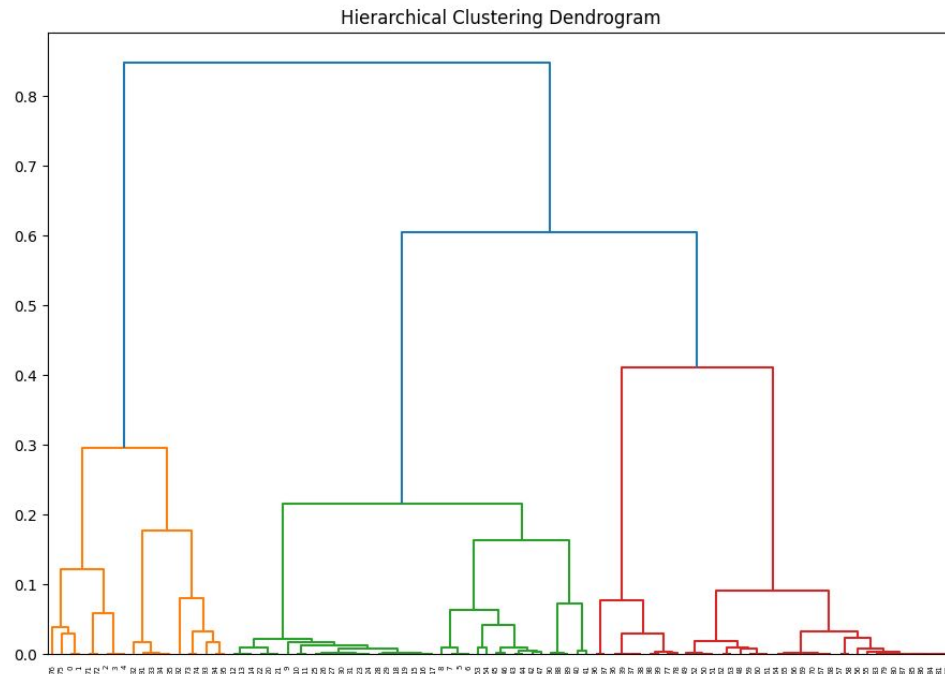
UPGMA

Empirical Analysis (Revisited)



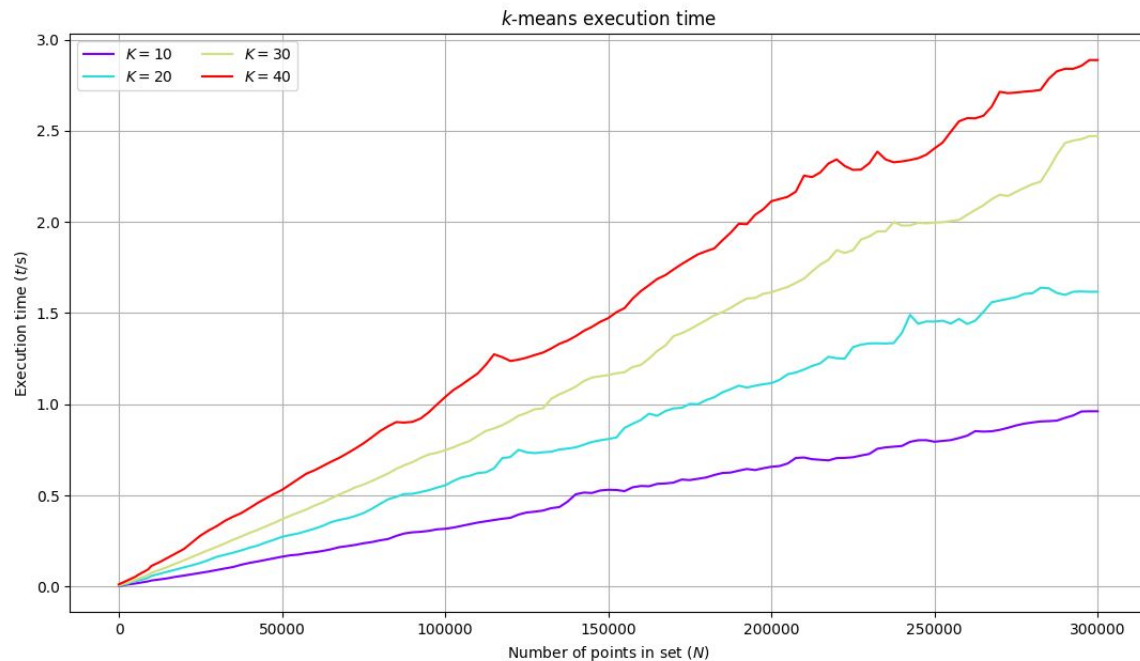
UPGMA

Dendrogram



k-means

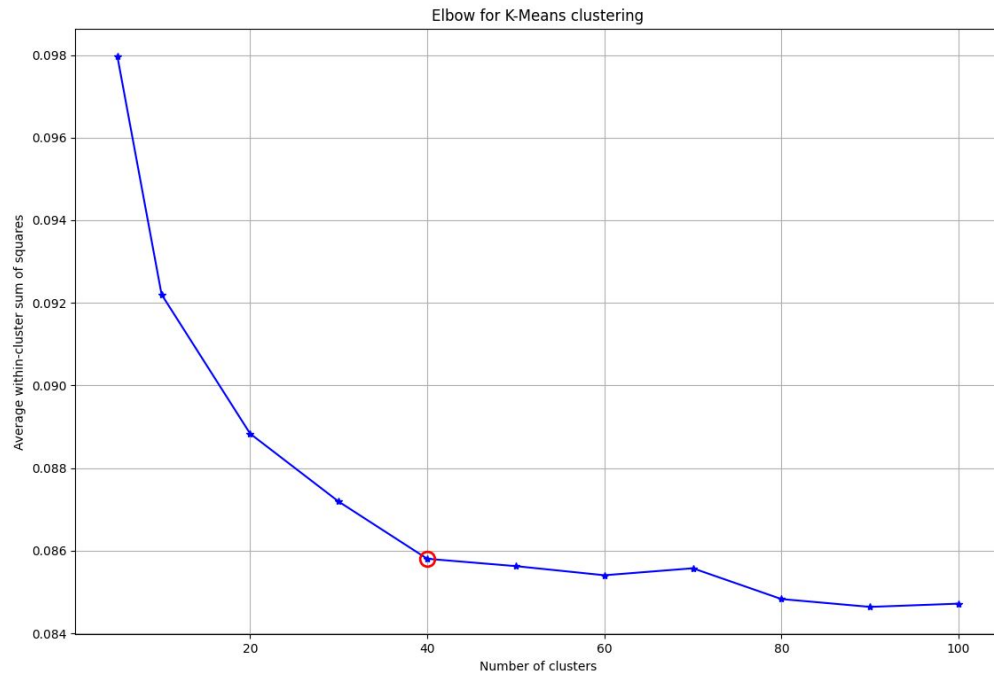
Empirical Analysis (Revisited)



Averaged 5 samples, 4-points exponential moving average

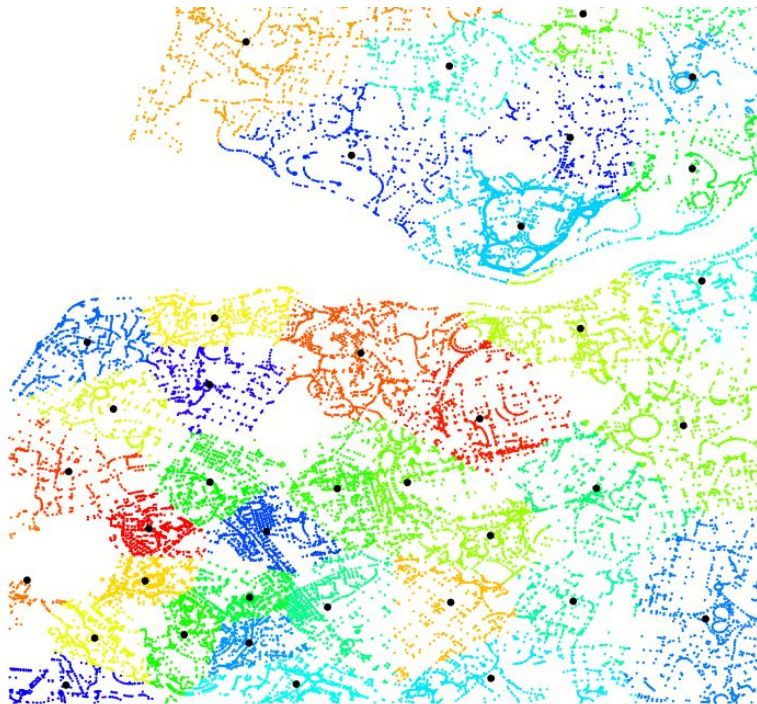
k-means

Elbow method



***k*-means**

Clusters visualization



Q&A

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