**Social Media Analytics Lab**

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**Lab 9. Geocoding the LinkedIn Connections and visualising it on a map**

In this lab you need to access your LinkedIn Connections and geocode the companies of the connections and visualise it on a map

1. Retrieve the Connections data of your LinkedIn Profile from the previous lab and read it as a csv file using pandas module
2. Apply transformation to the Company feature by removing the company related suffixes
3. Geocode the companies and get the latitude longitude values of the organisations using opencage module

Sample code:

from opencage.geocoder import OpenCageGeocode #pip install opencage

key = ''

geocoder = OpenCageGeocode(key)

query = "O'Reilly Media"

result = geocoder.geocode(query)

print(result)

1. Visualise the connections on a map and observe your network