Extraction of Linked Employee-Employer Data from LinkedIn

Keywords: [Data Science]

Project description
In corporate governance, linked employee-employer data can provide valuable insights into regional labour dynamics, though data is only available nationally and in varying degrees of granularity. Researches are circumventing this issue by crawling publicly available data from LinkedIn. Your task is to use public search tools to crawl public LinkedIn information and structure the data to produce a linked employee-employer dataset showing job title, place of employment, and employment duration.

This IDP is directly related to scientific research in corporate governance at the Chair of Financial Management and Capital Markets. As part of this project you will be able to apply your skills in web scraping and data analytics to transform unstructured data filed with regulatory bodies into valuable structured data.

What we are looking for
- Strong analytical and project management skills
- Determination and passion for your areas of expertise
- IT skills required for the IDP
- Interest to learn something about finance
- 2-3 persons

What we offer
- Knowledge in quantitative finance, corporate finance and corporate governance
- Kick-off session including introduction to relevant finance and/or business topics
- Experience with IDPs
- Open dialogue and support
- If needed: Access to prime capital markets databases (Bloomberg, Datastream, Thomson Reuters, etc)
- Potential for publication and/or evaluation of future use cases
- Both single and group projects are possible

Interested?
Please send an e-mail with CV, academic transcript and your preference for this project to lisa.knauer@tum.de.

Questions?
In case of any (e.g. topic related) questions, please contact Lisa Knauer (lisa.knauer@tum or call +49 89 289 25485).