

Using NER to identify firm-city links for manufacturing firms

Project description

- Cities are important stakeholders of companies.
- In their annual reports, firms also report about links to cities.
- The goal of the IDP is to perform an automatic encoding to identify firm-city links for a large-scale dataset of unstructured text, in this case firms' annual reports.
- The focus will be on a set of U.S. based manufacturing companies
- In particular, you will apply NER methods to identify cities as entities in annual report texts for a given set of companies.

What we are looking for

- Advanced python skills
- Ideally experience with the SpaCy package
- Interest to learn something about finance
- 1-2 persons

What we offer

- Knowledge in finance
- Kick-off session including introduction to relevant finance and/or business topics
- Experience with IDPs
- Open dialogue and support
- Access to prime capital markets databases (Compustat)

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 25196).