Text-based classification of job-postings

Project description
- We have a large-scale dataset of firms' job postings that lacks a classification of the offered jobs.
- So-called occupation classification systems allow to classify jobs based on the job title and job description. The relevant occupation classification system will be the German “Dokumentationskennziffer (DKZ)”
- The goal of the IDP is to perform an automatic encoding of occupations for our large-scale dataset.
- Both RecordLinkage and NLP approaches will be used

What we are looking for
- Advanced python and NLP skills
- Since the job descriptions are in German, knowledge of German is a plus
- Interest to learn something about finance
- 1-2 persons

What we offer
- Knowledge in (corporate) finance
- 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)

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 25482).