Master’s project at KBLab, spring term 2022

Curious about practically applying AI?

KBLab at the National Library of Sweden (KB) has one position for a Master’s project next term. This is intended for a Master’s student within Machine Learning with interests in NLP or image recognition, who is keen to explore new solutions for data-related problems. At KB we collect almost everything that is published in Swedish, including newspapers, books, TV, radio, and more. The focus of the thesis project will be upon finding innovative ways to enrich KB’s digital collections with automatically generated metadata.

What we offer?

- Opportunity to work with high quality data in a creative and research-based environment.
- Chance to develop AI-solutions for actual problems at a national cultural heritage institution.
- Practical supervision from one of our data science experts and a feasible project.

Read more about us on our blog and check out earlier Masters’ projects at the Lab here and here.

Access to KB’s data is only possible on site at Karlavägen 100, so you must be able to sit at the Lab in Stockholm to complete the project.

Key requirements

You should have experience of:

- programming in Python (but it doesn’t hurt if you also know R)
- deep learning frameworks such as PyTorch and TensorFlow
- working with APIs

It’s also important that you are:

- independent
- comfortable working with data (handling and processing)

You will need to ensure that you have an academic supervisor for the project at your university.

Application

The place is for spring term next year, starting in February 2022.

If you are interested, send your CV* and a short description of your academic interests and why you’d like to do your project with us to kblabb@kb.se.

Deadline: 11-10-2021.

What is KBLab?

KBLab is a national infrastructure for data-driven research at the National Library of Sweden. Beyond supporting large-scale analysis of KB’s collections by pioneering research projects in the humanities and social science, we use the library’s vast data resources to train and release open-source language models that are being used by a wide variety of actors in the public sector and beyond. Recent models include KB-BERT and an ASR model for speech-to-text.

Any questions about the above can be sent to kblabb@kb.se

*KB manages your personal data in line with GDPR. See more info here.