Intelligent Information Systems Lab

Winter Semester 2024/2025

Harry Scells, Tim Hagen, and Martin Potthast

Deep Semantic Learning
University of Kassel and hessian.AI

Agenda

❏ Last week

    – Did you try connecting to the cluster?

    – What were your findings from the literature research?

❏ This week

    – More details on the project

    – Overview of text classification [webis.de]

❏ Next week

    – Create a git repository on our infrastructure [git.webis.de]

    – Create a sentiment classifier using IMDb data [huggingface.co,scikit-learn.org]

    – Get the code running on our cluster

    – Present your findings next week, again 10–15 mins

Project Details

RAG Evaluation ➜ Is this response written by a human or an LLM?

- ❑ We have a collection of RAG responses written by both
- ❑ We give you a training collection to train a model
- ❑ We keep a test collection we use to test your model
- ❑ Can you build a model that can distinguish human from LLM?

Start from the basics and build your way up

- ❑ Use traditional ML techniques to get started with the data
- ❑ Later, work your way to advanced ML techniques