Monolingual alignment:
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Examiner: Prof. Schuetze
BSc, MSc, Open: Open
General Topic Area: Word alignment, Natural language generation.
Prerequisites: Experience in Python. PyTorch knowledge is a plus..
Details: Monolingual word/sentence alignment can not only explicitly provide fine-grained information for NLP models, but also improve the interpretability of the NLP models. In this thesis, we aim to provide simple yet effective methods for monolingual word/sentence alignment, and apply the proposed methods on the downstream tasks, like text style transfer and text summarization.
Project Takeaways: Hands-on experience with NLP models.