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What does BERT know about software engineering? Evaluating domain knowledge of NLP models



Bildnachweis: Merkel / Herbold

Large-language models have revolutionized natural language processing. Nevertheless, we still have a limited understanding regarding their capabilities. One aspect is to understand, how good such models are in different domains, as they have different terminology. Within this talk, we discuss how this can be assessed using software engineering as an example. We will see how vocabularies may diverge, how understanding of words within their context is different, and how this affects downstream tasks.