

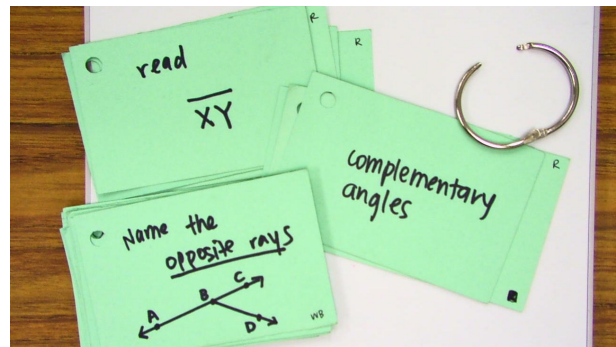


Prof. R. Wattenhofer

Generating Flash Cards from Wikipedia Articles

Recent advances in deep learning architectures for Natural Language Processing (NLP) have triggered an unprecedented progress in the field. In the last couple of years, new NLP models have appeared that excel at tasks such as text summarization, question generation or language generation.

This project aims at leveraging these advances in order to build a system that can generate Flash Cards about any topic in order to help people learning. In particular, the objective is to build a web application that given a Wikipedia article produces a set of Flash Cards about that topic. To this end, it will be necessary to use state-of-the-art language models and adapt them to the needs of this project. Furthermore, we will investigate how to improve the question generation and how to build an efficient web architecture for this task.



Requirements: Creativity and programming skills are an advantage. The student(s) should be able to work independently!

Interested? Please contact us for more details!

Contacts

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