



Conditional Language Generation

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 focuses on the problem of conditional language generation. Despite the impressive performance of language generation models, such as GPT-2, steering the generated text towards a given topic remains an open problem. Existing work has tackled the problem of changing general attributes of automatically generated text, such as sentiment or mood. In this project, we investigate a more general conditioning scheme, i.e., conditioning the model towards any arbitrary word or concept. To this end, we will explore very recent work in the area and we will design new strategies to generalize conditional language generation.



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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