

Practical session on Text Mining: from BERT to ChatGPT

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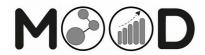






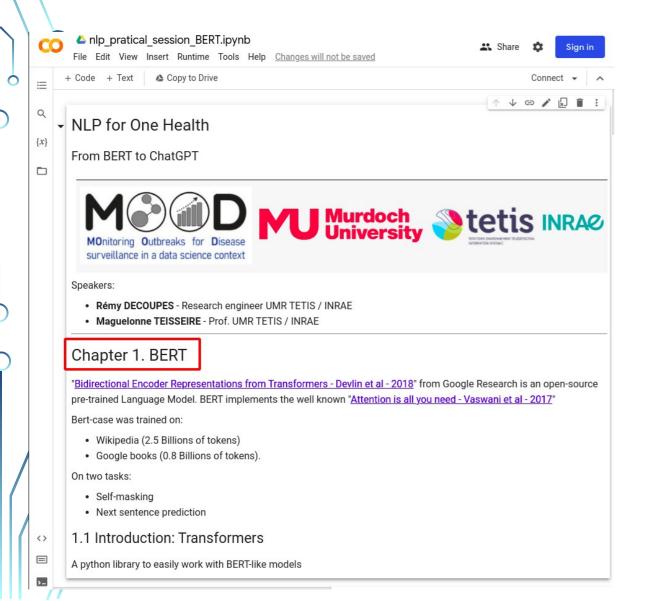
Skills and knowledge that you will acquire

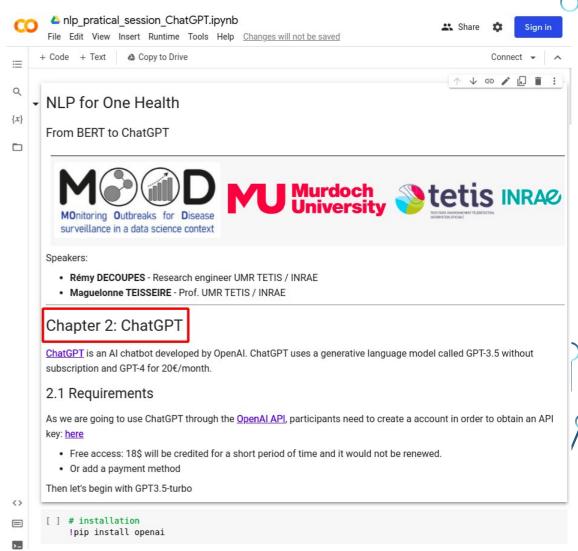
- Understand and use new NLP techniques (based on transformers neural network)
- Adapt transformers models to your needs
- Compare BERT-like models and ChatGPT-like models
- Use OpenAI (ChatGPT) API and adapt it to your context.

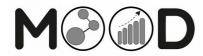


How recent concepts of NLP could be used in Epidemiological surveillance?











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Chapter 1: BERT: Google colab link

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- 1.2 NLP tasks with BERT
- 1.3 Diving into the model representations
- 1.4 Fine-tuning
- 1.5 Text generation with BERT

Chapter 2: ChatGPT: Google colab link

- 2.1 Requirements
- 2.2 Text generation with ChatGPT
- 2.3 Langchain
- 2.4 Hallucination
- 2.5 Paper-QA