Extractive Q&A

Performance Comparison between Learning Methods Context Learning and Fine-Tuning

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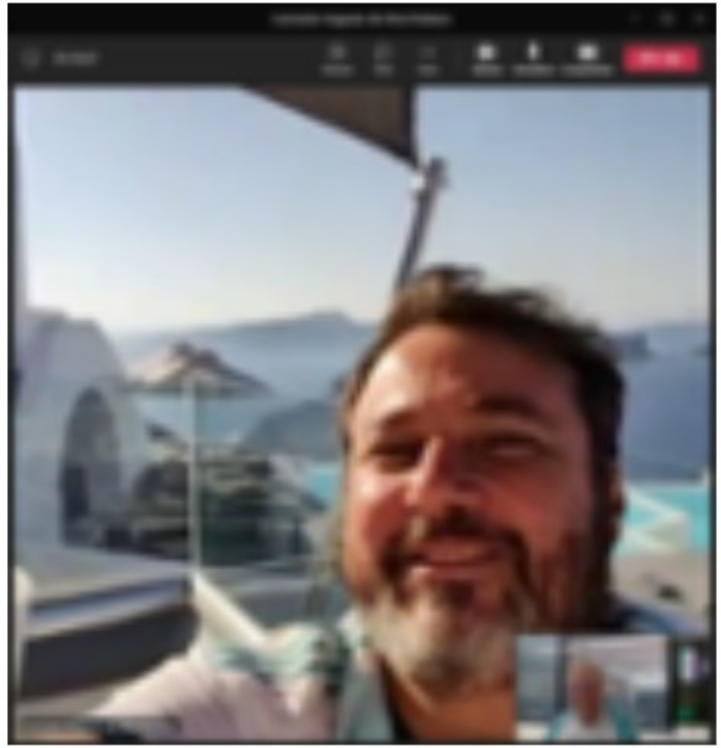
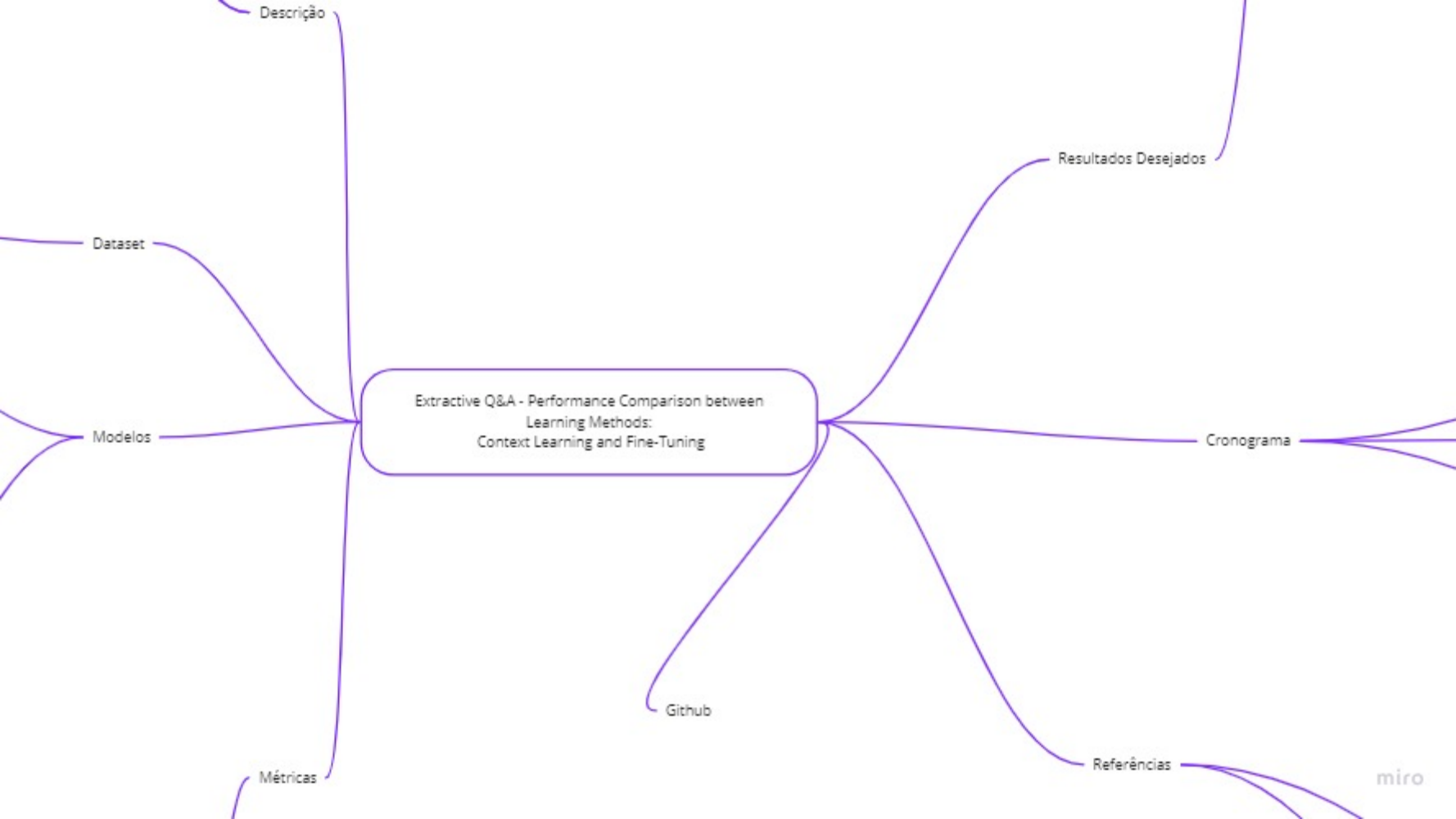
Final Project at Discipline IA025 Introdução ao Aprendizado Profundo (2022/01)

Link para github do projeto

Leonardo&Guaíra: 2.0



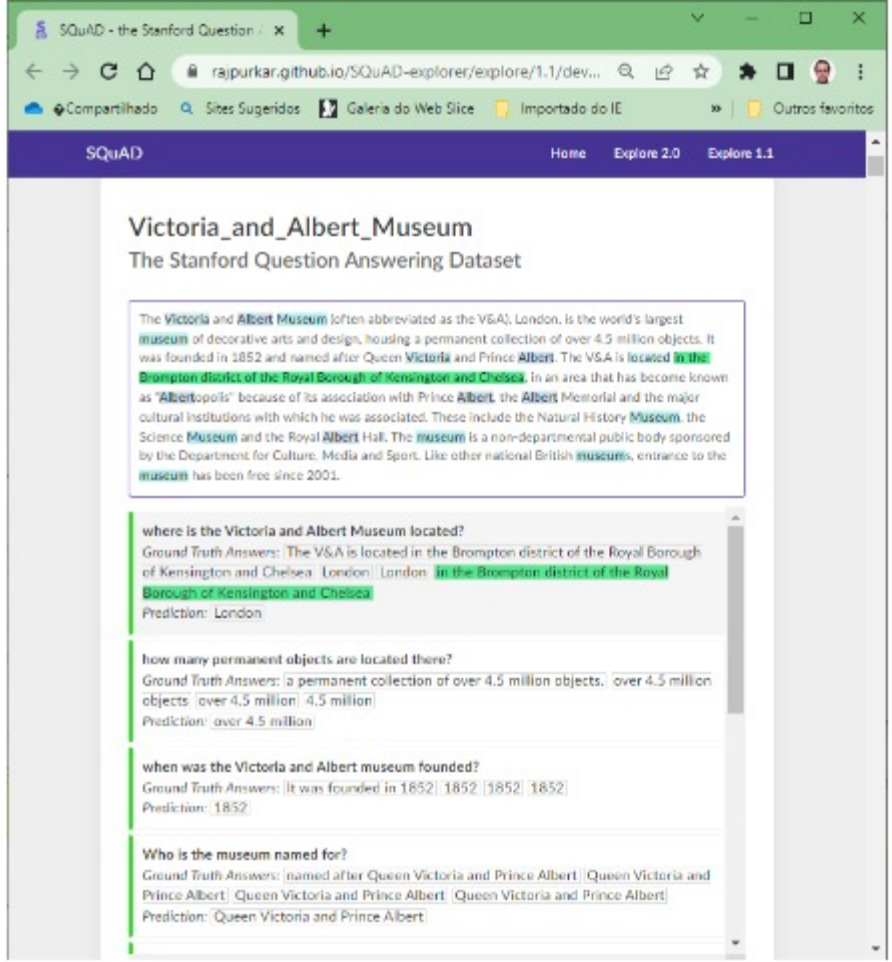
(Arquipélago de Santorini – Grécia)


Descrição
Resultados Desejados
Dataset
Extractive Q&A - Performance Comparison between Learning Methods:
Context Learning and Fine-Tuning
Modelos
Cronograma
Github
Métricas
Referências
miro

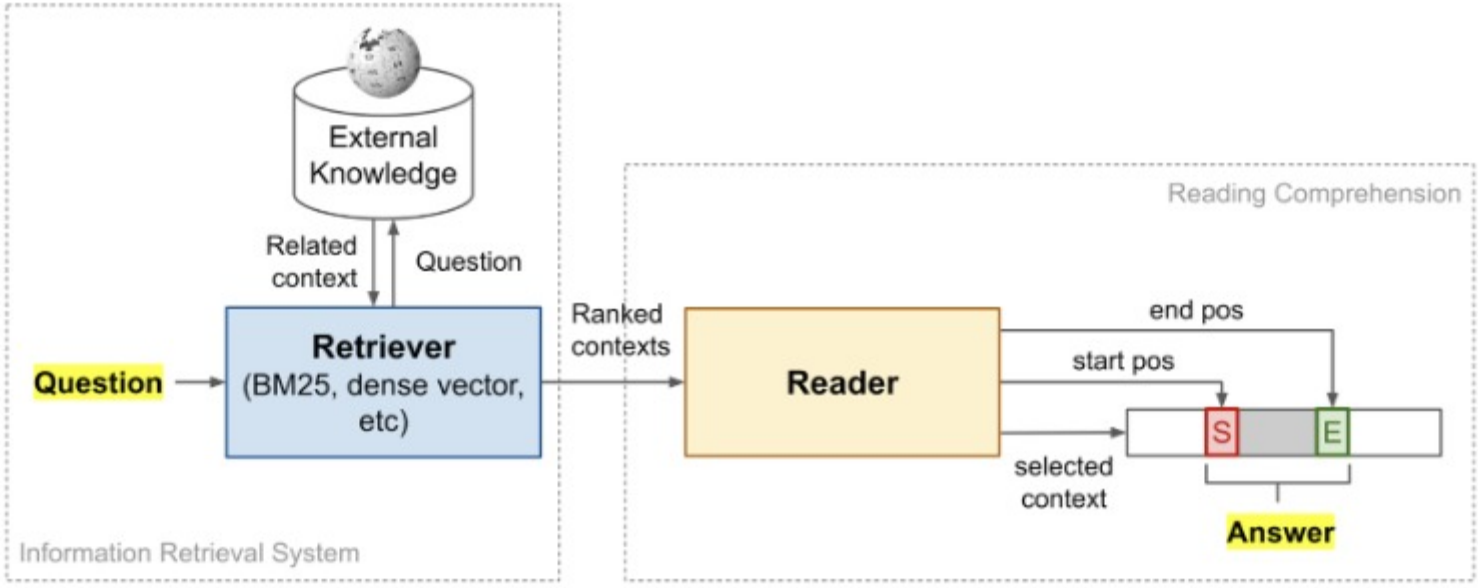
Descrição

O que é Extractive Q&A?

Exemplo: [Stanford Question Answering Dataset SQuAD]

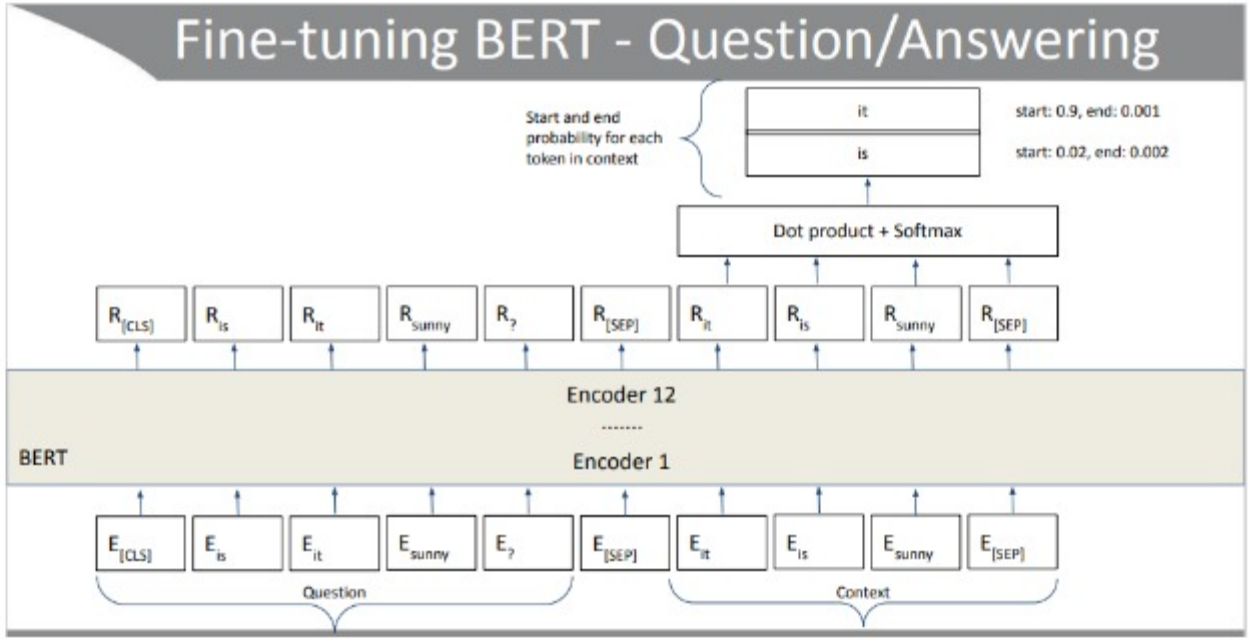


IR Extractive Q&A (over Information Retrieval)



Fonte: [How to Build an Open-Domain Question Answering System?]

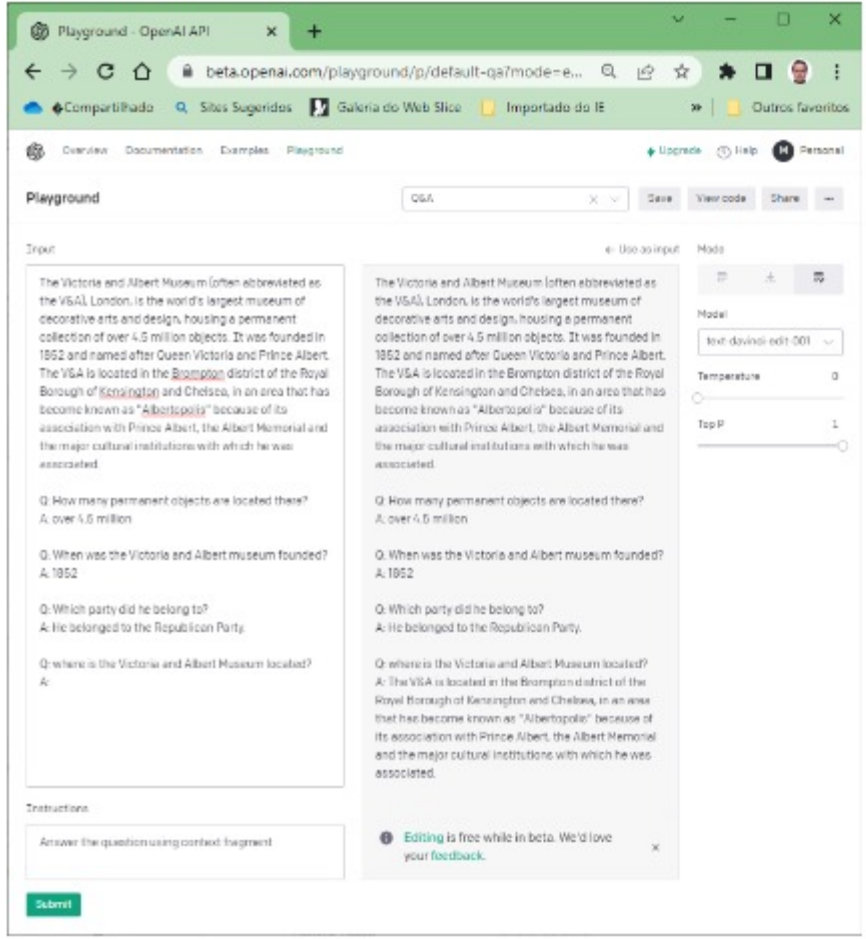
Extractive Q&A in Fine Tuning



Q&A in Context Learning

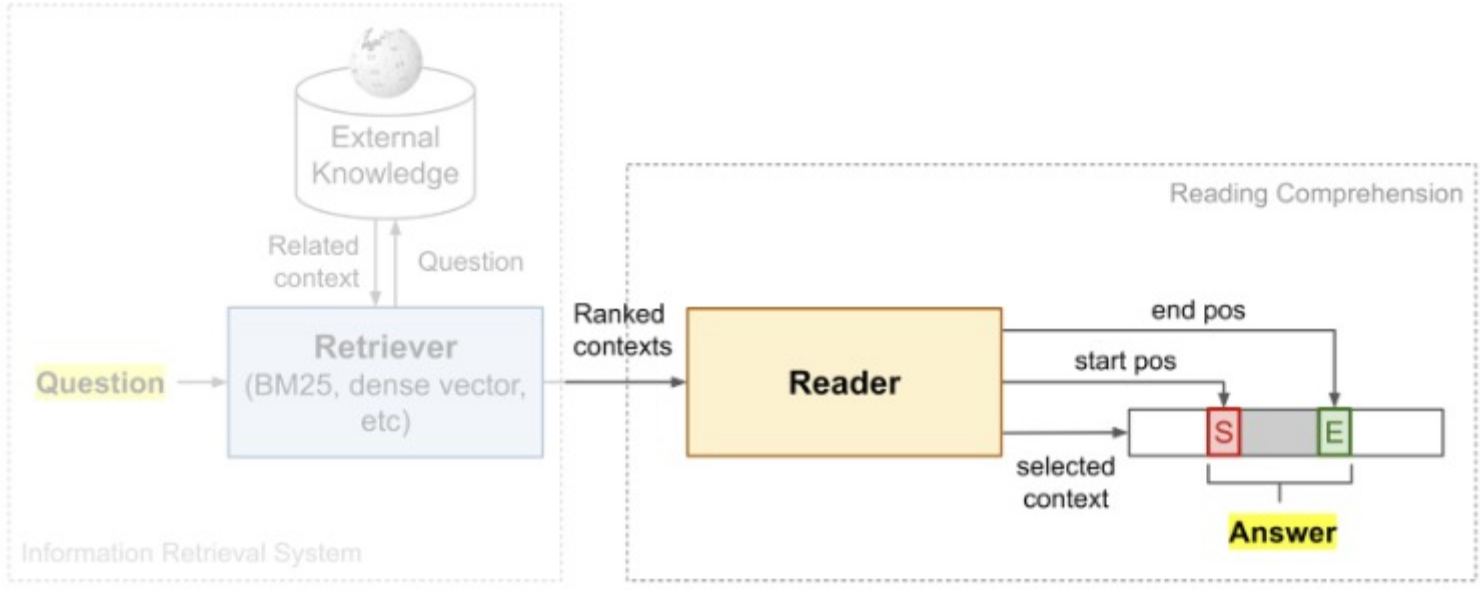
Contexto

Few Shot
k=3

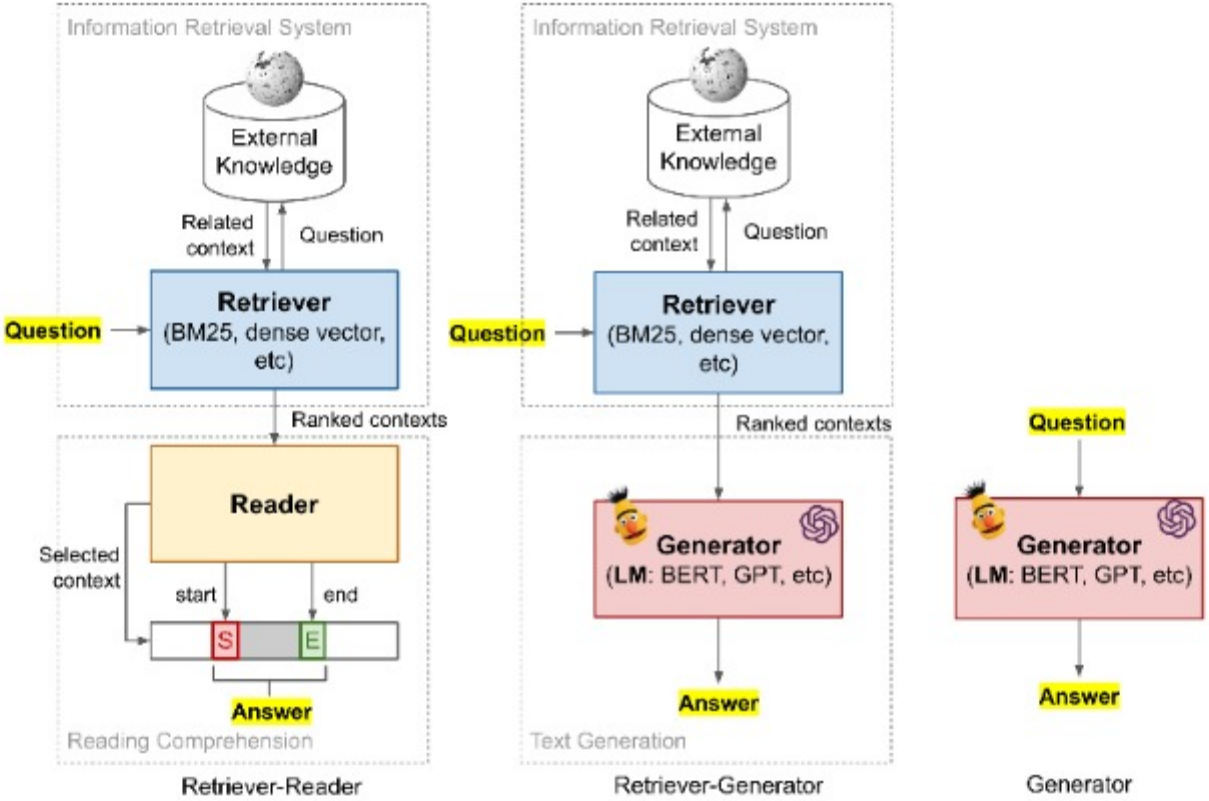


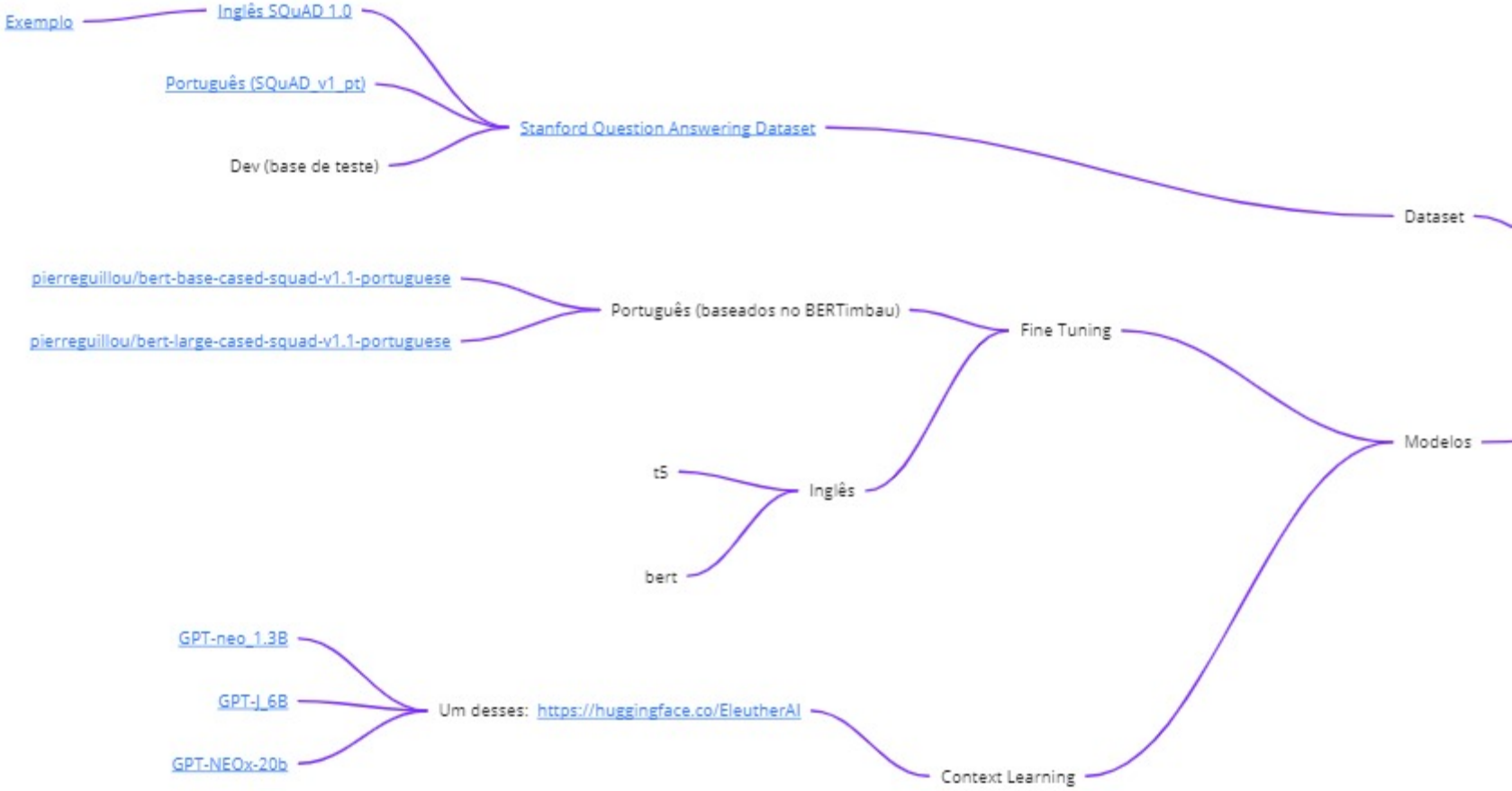
Exemplo: GPT-3 x SQuAD

Igualdade de condições: sem retrieval (sem limitador de performance)

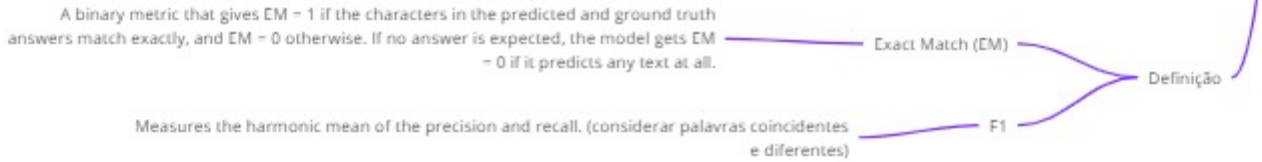


Não é contexto: abstractive Q&Ä

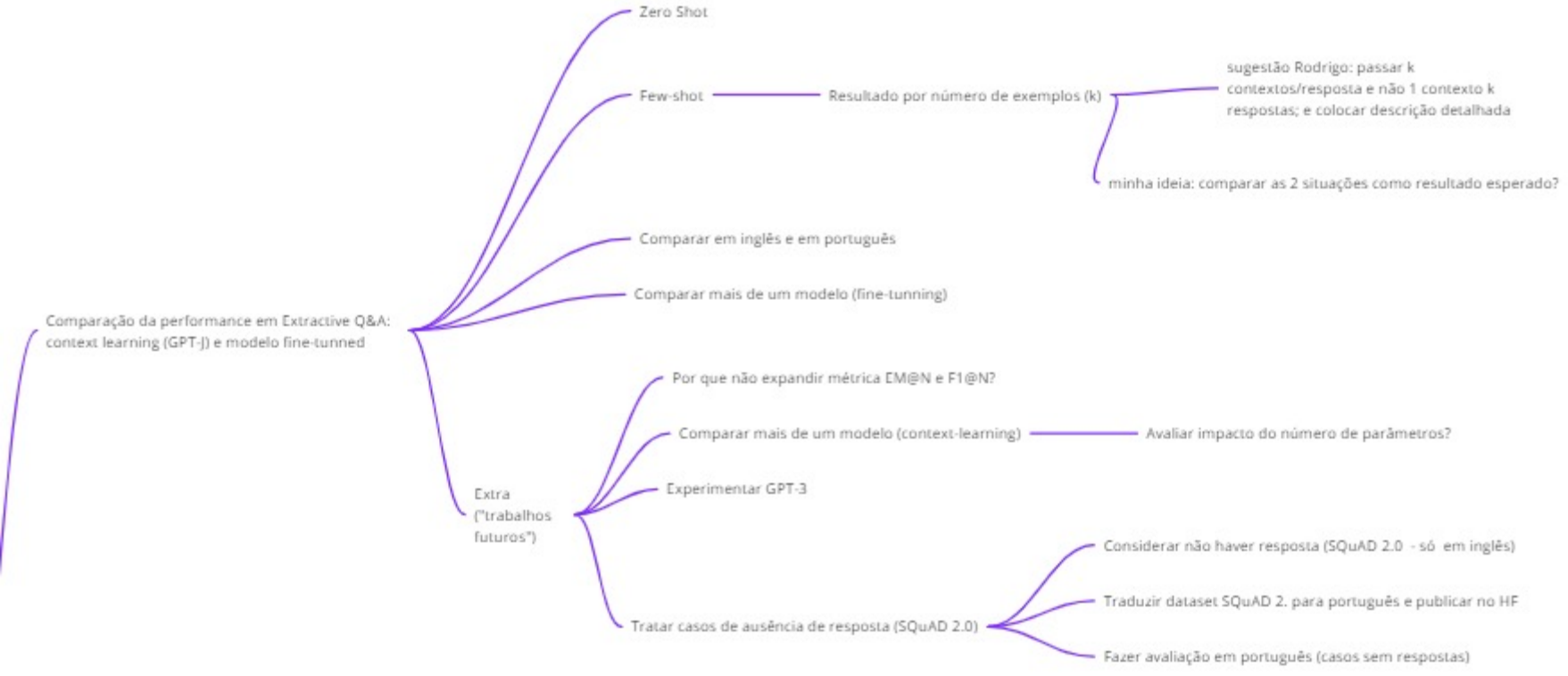



Exemplo
Inglês SQuAD 1.0
Português (SQuAD_v1_pt)
Dev (base de teste)
Stanford Question Answering Dataset
Dataset
pierreguillou/bert-base-cased-squad-v1.1-portuguese
pierreguillou/bert-large-cased-squad-v1.1-portuguese
Português (baseados no BERTimbau)
t5
bert
Inglês
Fine Tuning
Modelos
GPT-neo_1.3B
GPT-J_6B
GPT-NEOx-20b
Um desses: https://huggingface.co/EleutherAI
Context Learning

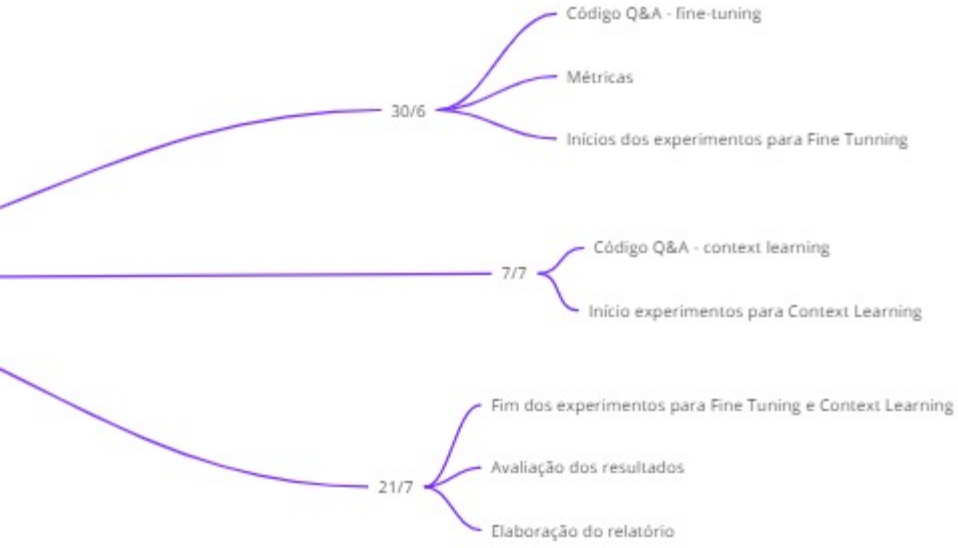
Métricas



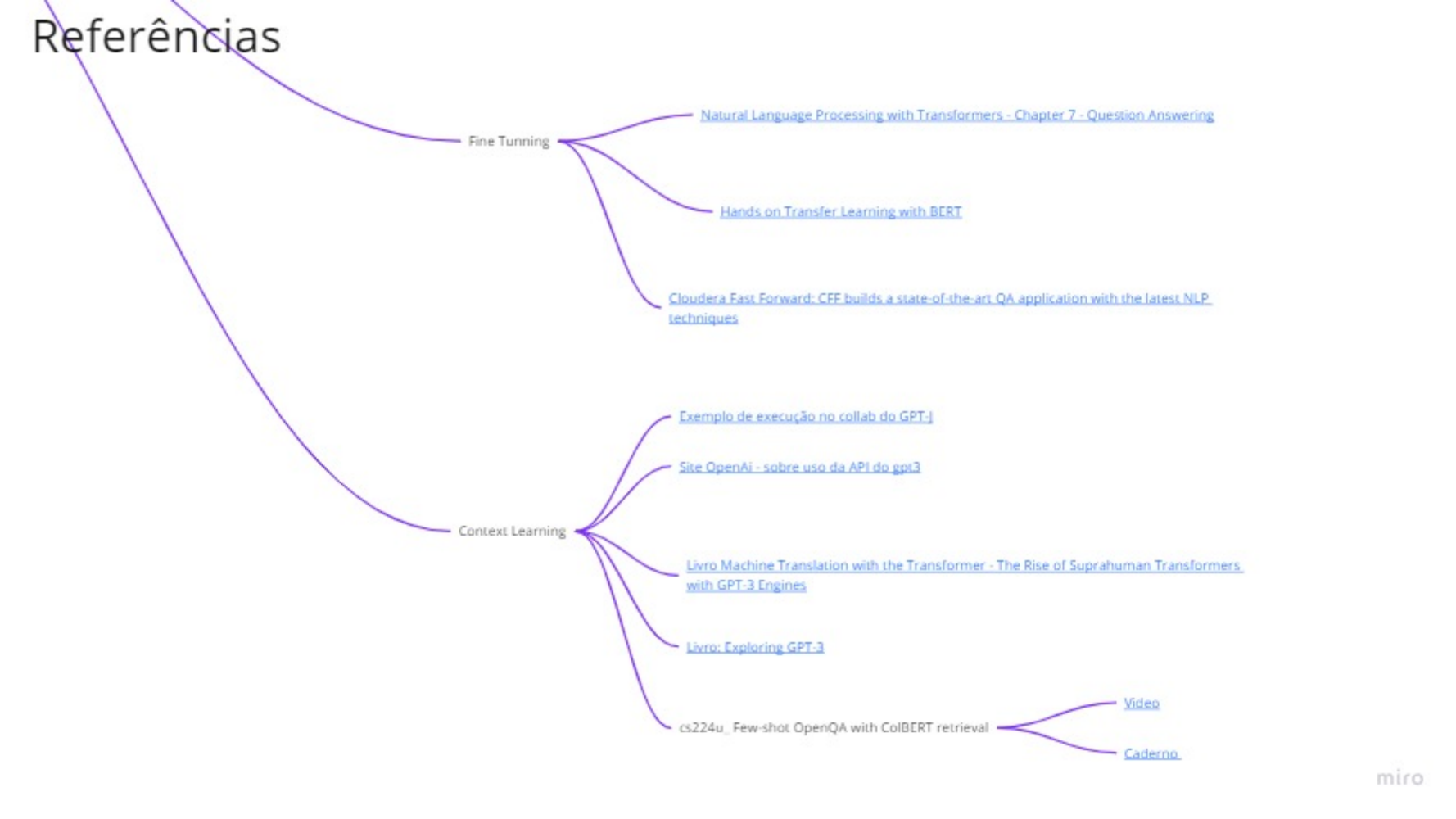
Resultados esperados



Cronograma



Referências



[Github do Projeto]