What did I learn from the research internship in MMLAB?

- Web scraping and data collection techniques

- Cloud-based GPU computing for AI/ML tasks

- LLM fine-tuning and inference optimization

- Data analysis and visualization in Python

- Used GitHub for team collaboration

Scenarios and Approaches for Situated Natural Language Explanations

Overview

- Natural language explanation dataset

- 100 scenario * 3 situation

- "You are a helpful assistant" is not necessary for NLE tasks

- In-context learning only can help LLMs learn the template but can't improve their inference performance.

Why educational technology can be meaningful?

Students
Educational technology can provide a personalized learning experience...

Teachers
Educational technology can empower teachers to automate tasks...

Parents
Educational technology can provide resources that parents can use to help their children study...