

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...

Scenarios and Approaches for Situated Natural Language Explanations

Background, Motivation

- In different situation and for different people, they may need different explanations for an question.
- How LLM can generate the most suitable explanation for different people?
- How to evaluate whether the explanation is suitable or not?



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