

Project Progress Report

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Introduction:

Our project aims to develop a language learning assistant using NLP and recommender system techniques to provide personalized conversation practice for language learners.

Current Progress:

We've defined the project scope, conducted preliminary research, and outlined the methodology. While we haven't started data collection or modeling extensively, we're prepared to begin coding next week.

Data Collection:

We've identified potential sources for conversational data and plan to scrape and curate datasets from various online platforms and language learning resources.

Modeling:

We'll utilize NLP techniques such as sequence-to-sequence models and transformers, along with recommender system methods, to personalize conversation practice for learners.

Preliminary Results:

Though we haven't conducted experiments, our initial research has provided insights into data collection strategies and model selection.

Next Steps:

We'll focus on implementing the data collection pipeline, refining the dataset, and initiating model development. Our goal is to iteratively train and evaluate models while exploring methods to integrate user feedback.