

CS410 Project Progress Report

Applying BERT on Facebook Children's Book Test

November 13, 2021

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1. Which tasks have been completed?

Tasks	%Complete	Notes
Parse and clean raw data	100%	We have successfully parsed and cleaned our raw data of the Facebook Children's Book Test (CBT).

2. Which tasks are pending?

Tasks	%Complete	Notes
Train and tune BERT model	40%	Continue training the BERT model with CPU on our laptops.
CBT answering model implementation	75%	Currently wrapping up the BERT prediction and Word2Vec comparison pipeline.
Fine-tune and demonstration	0%	We haven't finished the model yet. We'll start as soon as the model is ready (estimated start time Nov. 25).

3. Are you facing any challenges?

Training the BERT model is time-consuming, and since we do not have sufficient computing resources, we will have to spend more time on model training with our own machines.