# ReadMe

## 1. Translation
- To translate SQuAD1.1 to Bengali use the notebook NLLB_translate_squad1.ipynb
- To translate SQuAD2.0 to Bengali use the notebook NLLB_translate_squad2.ipynb. This notebook will run successfully only if translated SQuAD1.1 dataset exists.

## 2. Preprocessing
- To preprocess the translated dataset use the notebook Preprocess_translated_squad_QAG.ipynb
- To select a specified number of contexts from the BARD dataset use the notebook BARD_context_selection.ipynb

## 3. QAG
- To train the answer extraction model and run inference use the notebook T5_answer_span_extraction.ipynb
- To train QG models for answerable and unanswerable questions use the notebooks QG_with_appended_answer.ipynb and QG_for_impossible_answer.ipynb
- To train QA models run the notebook QA_on_translated_squad.ipynb where the dataset and model can be given according to need
- To generate datasets use notebook QAG _dataset_generation.ipynb and QAG _dataset_generation_adding_impossible_ans.ipynb