

Our submission contains two folder including Report and Presentation:

Baseline:- contains code for baseline model

Baseline+:- contains code and ranked data for two-step approach.

We originally implemented all our codes on colab notebook

Run `"pip install -r requirements.txt"` :- to install all the requirements

## For Baseline:

To change the model type, go below MODEL Markdown in baseline.py

- To use T5 model - uncomment codes under model-T5 and Comment codes under model-Bart
- To use Bart - uncomment codes under model-bart and Comment codes under model-T5

To change source, source length, target, target length

Below Parameters Markdown

- Source length = encoder\_max\_length
- Target length = decoder\_max\_length
- Input = "allanswers" / "question+allanswers" / "clustersummary" / "question+clustersumm"
- target = "firstsummary"(if using answers in input) / "secondsummary"(if using clustersummary in input)

## For Baseline+: Two-step Approach

To rank answers and save it:

- Run answer\_ranker.py - it ranks the answers and creates a new dataset using top-20 ranked answers.

Ranked-data Folder already contains the ranked-data created by BM25, Bi-encoder, Cross-encoder.

Then run summarizer.py :- It evaluates the model on the ranked data. Code is similar to baseline.py

