Kai Pak and Karlin Dye

November 29, 2020

# CS410 Team Kayak Project Progress Report

1. Progress made thus far
   1. We have implemented a BERT based pretrained model using huggingface transformers on Pytorch framework. We have already beat baseline and our score is currently #18 on the leaderboard (kaipak)
   2. Model has been deployed on Google Collab as well as on local workstation with GPU.
2. Remaining tasks
   1. We plan on continuing fine tuning the model including experimenting with combinations of context and response.
   2. Develop systematic way of searching for optimal hyperparameter tuning including finding optimal learning rate
   3. Clean code
   4. Write documentation
   5. Create short presentation
3. Any challenges/issues faced
   1. Investigate variances in performance when no parameters are modified
   2. Could use better GPU