GenAI Summer Camp Assistant Development Assignment

Open Questions:

1. **How would you optimize the process if you had more time?**
   - I would find some relevant conversations and label them for <u>fine-tuning</u> using LoRA (PEFT).
   - I would offer sample data for <u>one-shot/few-shot</u> learning.
     This means providing examples to help a model learn from very limited data, either just one example (one-shot) or a small number of examples (few-shot).

2. **How would you test the prompts' performance?**
   - I would use metrics such as BLEU and ROUGE.
     BLEU is used for evaluating the quality of machine-generated translations in comparison to human reference translations.
     ROUGE evaluates the quality of machine-generated text summaries, document summarization, and other text generation tasks.
   - Human testing.

3. **What edge cases do you think are not handled currently that you would add ?**
   - More validation about the each variable that extracted.