Assignment 3

Evaluate HuggingFaceTB/SmolLM-135M-Instruct on the cnn_dailymail dataset used in Chapter 6 in Natural Language Processing with Transformers.

1. Compare four different experiments each with a different prompting and decoding strategy. Argue for why these are the most promising ones to try. Evaluate the rouge scores of each model on the test set (if compute becomes a problem use a smaller subset of the test set) and compare to the performance of PEGASUS.

Attach your Jupyter notebook as an appendix. Include only code relevant to solving the problems.