In this, we will use the following models:

**Fine-tune the models using QLoRA.**

(1) Choosing a model from google/gemma

(2) Choosing a model from meta/LLama

(3) Selecting a model from the MTEB benchmark (<https://huggingface.co/spaces/mteb/leaderboard)>

**Dataset**: As discussed in class, we will continue using the same dataset.

**Task Type**: This remains a **classification task**, not a generation task. Focusing on building a classification model.