



Introduction to Generative AI with AWS

Project Documentation Report

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Complete the answers to the questions below to complete your project report. Create a PDF of the completed document and submit the PDF with your project.

Question	Your answer:
Step 2: Domain Choice What domain did you choose to fine-tune the Meta Llama 2 7B model on? Choices: <ol style="list-style-type: none">1. Financial2. Healthcare3. IT	Financial domain
Step 3: Model Evaluation Section What was the response of the model to your domain-specific input in the model_evaluation.ipynb file?	<pre>[6]: payload = { "inputs": "The investment tests performed indicate", "parameters": { "max_new_tokens": 64, "top_p": 0.9, "temperature": 0.6, "return_full_text": False, }, } try: response = predictor.predict(payload, custom_attributes="accept_eula=true") print_response(payload, response) except Exception as e: print(e)</pre> <p>The investment tests performed indicate > that the proposed method is suitable for the purpose of the study. The proposed method was tested on the dataset of 1000 patients, with 70% of them having been diagnosed with the disease, and 30% of them being healthy. The proposed method was tested on the dataset</p> <p>*****</p>
Step 4: Fine-Tuning Section After fine-tuning the model, what was the response of the model to your domain-specific input in the model_finertuning.ipynb file?	<pre>[8]: payload = { "inputs": "The investment tests performed indicate", "parameters": { "max_new_tokens": 64, "top_p": 0.9, "temperature": 0.6, "return_full_text": False, }, } try: response = finetuned_predictor.predict(payload, custom_attributes="accept_eula=true") print_response(payload, response) except Exception as e: print(e)</pre> <p>The investment tests performed indicate > [[{"generated_text": "that the use of the proposed method is effective in detecting the presence of the proposed class of attacks. The method has been tested in the context of the CPS testbed. The results show that the method is able to detect the presence of the proposed class of attacks, but also that it may suffer from false al"}]]</p> <p>*****</p>