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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: 1. Financial 2. Healthcare 3. IT	Financial
Step 3: Model Evaluation Section What was the response of the model to your domain-specific input in the model_evaluation.ipynb file?	 Input: "The investment tests performed indicate" Response: "that the proposed model has the potential to be used for the classification of the tumor type. The model can also be used for the classification of the tumor grade." Input: "the relative volume for the long out of the money options, indicates" Response: "that call options are being bought to open over puts being sold to open, which is a bullish indicator. The Relative Strength Index (RSI) is a momentum oscillator that measures the speed and change of price movements." Input: "The results for the short in the money options"
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_finetuning.ipynb file?	Input: "The investment tests performed indicate" Response: "that the financial strategy applied shows a significant opportunity for growth, primarily in emerging markets. Investors are advised to evaluate

Input: "the relative volume for the long out of the money options, indicates"

Response: "strong buying interest from institutional investors, signaling potential upward movement in stock prices."

Input: "The results for the short in the money options"

Response: "indicate a consistent return profile with limited downside risk, making them attractive for conservative strategies."

Input: "The results are encouraging for aggressive investors"

Response: "as the risk-reward ratio aligns with their high-growth strategy, highlighting potential gains in

equity markets."