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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	I choose to fine-tune the IT dataset.
Step 3: Model Evaluation Section What was the response of the model to your domain-specific input in the **model_evaluation.ipynb file**?	The Meta Llama 2 7B model, evaluated in the **model_evaluation.ipynb** file, showcased a nuanced understanding of IT domain concepts, particularly in data management and ubiquitous computing. It adeptly discussed the shortcomings of traditional data management approaches, emphasizing the need for agility in modern data-driven organizations. Moreover, the model articulated the complexities of ubiquitous computing, highlighting issues such as unplanned interactions and difficulty in diagnosing problems due to its pervasive nature. Overall, the responses exhibited the model's capacity to generate coherent and domain-relevant insights, indicating its suitability for IT-related question-answering tasks.
Step 4: Fine-Tuning Section After fine-tuning the model, what was the	After fine-tuning an IT domain dataset, the Meta Llama 2 7B model exhibited

response of the model to your domain-specific input in the **model_finetuning.ipynb file**?	improved understanding and generation of domain-specific content. It responded with relevant insights tailored to data management and ubiquitous computing. The model demonstrated awareness of modern data management challenges, such as the limitations of traditional approaches like data warehousing. Additionally, it highlighted key aspects of ubiquitous computing, including its pervasive nature and the challenges it poses for diagnosing issues. Fine-tuning enhanced the model's ability to provide contextually appropriate and coherent responses, showcasing its adaptability to domain-specific tasks.