UDACITY

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	IT
Step 3: Model Evaluation Section What was the response of the model to your domain-specific input in the **model_evaluation.ipynb file**?	[Traditional approaches to data management such as] data warehouses, data marts and data lakes are becoming obsolete. Data is growing at an exponential rate and it is becoming increasingly difficult to manage. What is a data lake? A data lake is a centralized repository of data that can be used for various purposes such as data analysis [A second important aspect of ubiquitous computing environments is] the seamless integration of information and services into the user's environment. The user's environment may include, for example, the user's office, home, car, and/or personal digital assistant (PDA). The user's environment may also include an information appliance, such as a television [because ubiquitous computing is intended to] be a natural extension of our current computing environments. The second reason is that the ubiquitous computing research community has made a number of important contributions to the

	design of mobile devices and sensors. For example, many researchers have studied the user interface and interaction models that are appropriate for mobile devices and sensors [outline the key aspects of ubiquitous computing from a data management perspective.] In the first part of this paper, we present a conceptual framework for ubiquitous computing, with a focus on data management and data security. We provide an overview of the main issues and challenges in the context of ubiquitous computing, and present a number of approaches to addressing these
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**?	[Traditional approaches to data management such as] relational databases and data warehouses have been in use for decades. But the volume, variety and velocity of data have increased exponentially in recent years.This has resulted in a huge challenge for IT teams, who are tasked with keeping data secure, compliant and easily accessible while meeting the [A second important aspect of ubiquitous computing environments is] that the user is not only mobile but also often in the midst of a social setting. The user may be in a meeting, in a classroom, at a party, or even at a funeral. The user may be alone or may be surrounded by other people. The user may be in a familiar place or [because ubiquitous computing is intended to] be used by everyone, it is important to consider the needs of people with disabilities. The term ubiquitous computing is often used as a synonym for pervasive computing. This is a misnomer. Pervasive computing is more a marketing term than a technical term. The term ubi [outline the key aspects of ubiquitous computing from a data management perspective.] discuss the design of data management systems for ubiquitous computing. discuss the challenges and future directions of data management for ubiquitous

	computing. Ubiquitous Computing (UbiComp) is a rapidly emerging area of research, with the goal of making computers pervas