UDACITY

**Introduction to Generative AI with AWS**

**Project Documentation Report**

Visit [UDACITY Introduction to Generative AI with AWS Project Documentation Report](https://docs.google.com/document/d/1kqRy-gVGZjwl9r03hqMeWSm-D6hEY8KWuxz4GO0vdOw/copy) to make a copy of this document.

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  > relational databases, file systems, and object-oriented databases have been unable to meet the needs of big data.  Hadoop is a free, open source software framework that allows for the distributed processing of large data sets across clusters of computers using a simple programming model. It is designed to scale up from single servers  ==================================  A second important aspect of ubiquitous computing environments is  > that the environment is not just a single, large-scale system, but rather a network of small, independent systems that can interact with each other. The interconnectivity of the systems allows for the creation of a distributed, ubiquitous computing environment. The distributed nature of the environment means that the systems are not  ==================================  because ubiquitous computing is intended to  > make it easy to use.  The authors of this paper are all professors at the University of Washington.  The paper is titled “Beyond Ubiquitous Computing: Toward Pervasive and Invisible Computing.”  [1] David A. Patterson, Garth Gibson  ==================================  outline the key aspects of ubiquitous computing from a data management perspective.  >  Keywords: Ubiquitous Computing, Data Management, Data Mining, Data Integration, Data Warehousing, Database Management Systems, Data Integration, Data Mining, Data Warehousing, Database Management Systems, Data Mining, Data Warehousing, Database  ================================== |
| **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  > [{'generated\_text': ' data warehousing and data lakes have become inadequate for the demands of modern businesses.\nToday’s organizations are looking for more flexible and agile ways to store and manage their data. As a result, they are turning to data virtualization as a way to get'}]  ==================================  A second important aspect of ubiquitous computing environments is  > [{'generated\_text': ' that the user may be located at different places during the day.\nThis may be due to personal reasons (e.g., working from home), professional reasons (e.g., visiting customers), or a combination of both.\nIn such cases, the user may not have access to the same information or resources'}]  ==================================  because ubiquitous computing is intended to  > [{'generated\_text': ' be a technology for everyone,\nthe ubiquitous computing research community should strive to ensure that\nubiquitous computing is accessible to people with disabilities.\n\n### Motivation\n\nThe Ubiquitous Computing research community is at a point where the technology\nis ready for'}]  ==================================  outline the key aspects of ubiquitous computing from a data management perspective.  > [{'generated\_text': '\nprovide a survey of the major data management problems in ubiquitous computing and their solutions.\ngive an overview of the main techniques for data management in ubiquitous computing.\nprovide a guide for further reading in the field.\nThe book is suitable for students of computer science and'}]  ================================== |