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.

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| 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 IT domain to fine tune the Meta Llama 2 7B model** |
| **Step 3: Model Evaluation Section**  What was the response of the model to your domain-specific input in the **model\_evaluation.ipynb file**? | **The model initially generated IT specific content with a moderate level of relevance and coherence. It demonstrated understanding of model upto medium level.**  **Screenshots of model\_evaluation are attached below this file.** |
| **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**? | **The fine-tuned model's performance on domain-specific text generation tasks showed a significant improvement. It provided more relevant and coherent responses to IT-specific queries.** |

Comphrehensive project report is in **Project Documentation Report.docx** file.