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 | Financial |
| **Step 3: Model Evaluation Section**  What was the response of the model to your domain-specific input in the **model\_evaluation.ipynb file**? | The investment tests performed indicate  > [{'generated\_text': ' that the portfolio is not a good investment for the following reasons:\n- The portfolio is not diversified.\n- The portfolio is overweighted in the high-risk stocks.\n- The portfolio has a low Sharpe ratio.\n- The portfolio has a high'}] |
| **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 investment tests performed indicate  > that the proposed system is robust, stable and reliable. The developed system is able to detect the presence of the target material in the tested samples.  Biocompatible, nanostructured, hydroxyapatite-based coatings on titanium for bone regeneration  Huang, Xia |