**Project Documentation Report**

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| Question | answer: |
| **Step 1: Domain Choice**  Finance Domain stored in Amazon S3 Bucket storage | Financial domain chosen to fine-tune in the Meta Llama 2 7B model. |
| **Step 2: Model Evaluation Section**  The response of the model to your domain-specific input in the **model\_evaluation.ipynb file**? | The investment tests performed indicate  > that the new method is able to predict the investment decisions of a real company. The new method is able to predict the investment decisions of a real company.  Keywords: decision making, investment, risk, simulation, fuzzy logic, multi-criteria, expert system.  4 |
| **Step 4: Fine-Tuning Section**  The response of the model to your domain-specific input in the **model\_finetuning.ipynb file**? | Input: The investment tests performed indicate  Generated Text: a positive outlook for the mid-term portfolio performance, with expected returns surpassing the market average.  Input: the relative volume for the long out of the money options indicates  Generated Text: a significant interest from institutional investors, suggesting a potential upward movement in the underlying asset.  Input: The results for the short in the money options  Generated Text: reveal a conservative approach by traders, aiming to capitalize on stable price movements with limited risk exposure.  Input: The results are encouraging for aggressive investors  Generated Text: as they highlight opportunities in high-volatility sectors, promising substantial gains for those willing to take on higher risks. |