<u>**Task 3**</u>

Report on Building and Deploying a Machine Learning Model with Amazon SageMaker

1. **Introduction**

Briefly explain the purpose of the report and the focus on using Amazon SageMaker for building and deploying ML models.

2. **Tutorial Overview**

Provide an overview of the tutorial, including the problem statement (predicting customer enrollment for a CD at a bank) and the dataset used.

3. **Steps in the Tutorial**

Describe each step in the tutorial in detail, including creating the SageMaker notebook instance, data preparation, model training, model deployment, and model evaluation.

4. **Results and Performance Evaluation**

Present the results of the model training and evaluation.

Include the confusion matrix and performance metrics (accuracy, precision, etc.).

5. **Conclusion**

Summarize the key takeaways from the tutorial and the experience of using Amazon SageMaker for building and deploying the ML model.