

3. What is Google Colab, and how can it be used for machine learning development and deployment? (4 marks)

1. What is Random Search, and how does it compare to Grid Search for hyperparameter tuning? (4 marks)

4. How does CRC (Cyclic Redundancy Check) coding improve data integrity in digital systems, and what are its limitations? (6 marks)

4. How does underfitting impact the performance of a machine learning model on unseen data, and what are some strategies for addressing it? (6 marks)