

1. What is the purpose of data standardization in machine learning, and how does it improve model performance? (4 marks)

1. What are some common techniques used in fine-tuning models, and how do they improve model performance? (4 marks)

4. How do convolutional neural networks (CNNs) learn patterns in images, and what are some common techniques used for feature extraction? (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)