

Assignment Feedback

QQ1: The student demonstrates a good understanding of Lasso Regression, including its definition.

QQ3a: The student provides a generally correct explanation of kernel methods in SVM, mentioning the kernel trick.

QQ3b: The student lists the advantages and disadvantages of K-NN correctly. However, the explanation of the distance metric is slightly off.

QQ3: The student's answer on distance metrics used in K-NN is good, providing a clear overview of Euclidean and Manhattan distances.

QQ6a: The student provides a fair explanation of the Isolation Forest algorithm but lacks precision in the details of how it works.

QQ6b: The student's explanation of hierarchical clustering is simplified. While the basic concept of agglomerative clustering is mentioned, the details of linkage methods are not covered.

QQ6: The student's answer on micro-average precision, recall, and F-score is generally correct but lacks depth in explaining the differences between macro and micro averages.

QQ7: The student's answer on Recurrent Neural Networks is superficial. It mentions the basic structure of an RNN but does not discuss the challenges of vanishing and exploding gradients.

QQ7b: The student lists several activation functions and provides concise definitions. However, the explanation of why these functions are used is missing.