

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 criteria 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 gradients or the solutions like LSTM and GRU.

QQ7b: The student lists several activation functions and provides concise definitions. However, the explanation of their properties and when to use them is missing.