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Chapter 4 Quiz

4.Q.1

1/1 point (graded)

Which of the following tools would be well suited for predicting if a student will get an A in a class based on the student's height, and parents' income? Select all that apply:

☒ Linear Discriminant Analysis

☒ Linear Regression

☒ Logistic Regression

☐ Random Guess



Explanation

Whether or not a student gets an A is a categorical variable. Thus, we should use a classification technique like LDA or Logistic Regression. For binary classification, linear regression and LDA are almost equivalent.

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Answers are displayed within the problem