



Knowledge Check

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1

What are the types of classification algorithms?

- A. Binary classification, multi-class classification, multi-label classification, and imbalance classification
- B. Linear regression, logistic regression, decision trees, and k-nearest neighbors
- C. Neural networks, random forests, and support vector machines
- D. Naive Bayes, multinomial Bayes, and Bernoulli Bayes



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The correct answer is **A**

The four types of classification algorithms are binary classification, multi-class classification, multi-label classification, and imbalance classification.

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2

What is the advantage of stochastic gradient descent over gradient descent algorithm?

- A. It guarantees to reach the minimum point of the function.
- B. It reduces the number of computations required to complete the algorithm.
- C. It provides more accurate results than gradient descent.
- D. It is less computationally expensive than gradient descent.



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The correct answer is **B**

It reduces the number of computations required to complete the algorithm.



Thank You