

### Question #1 of 10

Artificial intelligence is *best* described as:

- A) computer systems that emulate human thinking.
  - B) networks of smart devices and buildings.
  - C) the field of study concerned with extracting information from data.
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### Question #2 of 10

An executive describes her company's "low latency, multiple terabyte" requirements for managing Big Data. To which characteristics of Big Data is the executive referring?

- A) Volume and velocity.
  - B) Velocity and variety.
  - C) Volume and variety.
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### Question #3 of 10

Investors in an initial coin offering (ICO) typically receive:

- A) voting rights in the ICO issuer.
  - B) cryptocurrency.
  - C) registered securities.
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### Question #4 of 10

Under which of these conditions is a machine learning model said to be underfit?

- A) The model treats true parameters as noise.
  - B) The model identifies spurious relationships.
  - C) The input data are not labeled.
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### Question #5 of 10

Determining the optimal execution instructions for an order to buy a security is *most likely* to be an application of:

- A) text analytics.

- B) algorithmic trading.
  - C) natural language processing.
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### Question #6 of 10

Which of the following uses of data is *most accurately* described as curation?

- A) An analyst adjusts daily stock index data from two countries for their different market holidays.
  - B) A data technician accesses an offsite archive to retrieve data that has been stored there.
  - C) An investor creates a word cloud from financial analysts' recent research reports about a company.
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### Question #7 of 10

Which of the following statements about fintech is *most accurate*?

- A) Fintech companies include those that develop technology for the financial services industry.
  - B) A primary driver of fintech is the increasingly structured nature of data that firms must process.
  - C) Financial services that involve subjective judgment, such as investment advice, are unlikely to be affected by fintech.
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### Question #8 of 10

Robo-advisory services are *most likely* to be appropriate for an investor who is interested in:

- A) high-frequency trading.
  - B) actively managed investments.
  - C) traditional asset classes.
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### Question #9 of 10

A government decides it will privatize vehicle registrations if the province's auto insurance companies can record and maintain ownership titles using distributed ledger technology. This application of distributed ledger technology is *best* characterized as:

- A) blockchain.
  - B) tokenization.
  - C) smart contracts.
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### Question #10 of 10

The technique in which a machine learns to model a set of output data from a given set of inputs is *best* described as:

- A) deep learning.
- B) unsupervised learning.
- C) supervised learning.

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