Question #1 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.

Question #2 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.

Question #3 of 10

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

A) algorithmic trading.

B) natural language processing.

C) text analytics.

Question #4 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) smart contracts.

C) tokenization.

Question #5 of 10

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

A) registered securities.

B) cryptocurrency.

C) voting rights in the ICO issuer.

Question #6 of 10

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

A) actively managed investments.

B) high-frequency trading.

C) traditional asset classes.

Question #7 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) supervised learning.

C) unsupervised learning.

Question #8 of 10

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

 A) The model identifies spurious relationships.

 B) The input data are not labeled.

 C) The model treats true parameters as noise.

Question #9 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) Velocity and variety.

 B) Volume and variety.

 C) Volume and velocity.

Question #10 of 10

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

 A) A primary driver of fintech is the increasingly structured nature of data that firms must process.

 B) Financial services that involve subjective judgment, such as investment advice, are unlikely to be affected by fintech.

 C) Fintech companies include those that develop technology for the financial services industry.