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Started on Saturday, 2 September 2023, 12:45 PM

State Finished

Completed on Saturday, 2 September 2023, 12:49 PM

Time taken 3 mins 50 secs

Grade 6.00 out of 10.00 (60%)

Question 1

Correct

Mark 1.00 out of 1.00

Quantitative features are perfect for machine learning because they define values as

Select one:

- ☐ a. images
- ☒ b. Number ✓
- ☐ c. all of above
- ☐ d. text

The correct answer is: Number

Question 2

Incorrect

Mark 0.00 out of 1.00

-----algorithm offers a perfect example of how machine learning works

Select one:

- ☒ a. deep learning ✗
- ☐ b. gradient descent
- ☐ c. probability
- ☐ d. none

The correct answer is: gradient descent

Question 3

Correct

Mark 1.00 out of 1.00

-----involves buying large amounts of goods or services automatically based on a combination of machine-based transactions, algorithms

Select one:

- ☐ a. mapping
- ☐ b. cost function
- ☐ c. none
- ☒ d. Programmatic trading ✓

The correct answer is: Programmatic trading

Question 4

Correct

Mark 1.00 out of 1.00

-----is a phenomena of observing results that are systematically prejudiced due to faulty assumptions

Select one:

- ☐ a. mode
- ☐ b. none
- ☐ c. variance
- ☒ d. bais ✓

The correct answer is: bais

Question 5

Correct

Mark 1.00 out of 1.00

-----can lead to poor performance of machine learning model

Select one:

- ☐ a. overfitting
- ☐ b. underfitting
- ☒ c. both a&b ✓
- ☐ d. none

The correct answer is: both a&b

Question 6

Correct

Mark 1.00 out of 1.00

cross validation is based on -----method

Select one:

- ☐ a. underfitting
- ☐ b. valiadation
- ☒ c. k-fold ✓
- ☐ d. overfitting

The correct answer is: k-fold

Question 7

Incorrect

Mark 0.00 out of 1.00

Mapping happens when you discover the construction of a function by observing its -----

Select one:

- ☐ a. action
- ☐ b. Output
- ☐ c. none
- ☒ d. Input ✗

The correct answer is: Output

Question 8

Correct

Mark 1.00 out of 1.00

No matter what the information is, for a machine learning algorithm to correctly process it, it should always be transformed into a -----

Select one:

- ☒ a. Number ✓
- ☐ b. all of above
- ☐ c. text
- ☐ d. images

The correct answer is: Number

Question 9

Incorrect

Mark 0.00 out of 1.00

Qualitative features are usually labels

Select one:

- ☐ a. symbols or labels
- ☐ b. all of above
- ☐ c. images
- ☒ d. Numbers ✖

The correct answer is: symbols or labels

Question 10

Incorrect

Mark 0.00 out of 1.00

The set of all the potential functions that the learning algorithm can figure out is called

Select one:

- ☐ a. none
- ☒ b. hypothesis space ✖
- ☐ c. reinforcement learning
- ☐ d. mapping

The correct answer is: mapping

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