

Module 2 Quiz

- Due Sep 16 at 11:59pm
- Points 20
- Questions 10
- Available after Sep 10 at 12am
- Time Limit 60 Minutes

Instructions

This is a 60-minute timed quiz on the resources for this module. Click **Take the Quiz** below to start the exam.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	17 minutes	15.33 out of 20

Score for this quiz: 15.33 out of 20

Submitted Sep 16 at 7:34pm

This attempt took 17 minutes.



Question 1

0 / 2 pts

True or False: Random forests can use methods like clustering, regression, and classification.

Correct Answer

☐ True

You Answered

☒ False



Question 2

2 / 2 pts

True or False: The three data story elements (narrative, data, and visuals) work together to help you explain, enlighten, and engage your audience.

Correct!

☒ True

☐ False



Question 3

1.33 / 2 pts

In which areas do regression trees differ from classification trees? Select all that apply.

Correct!

☒ Prediction

Correct!

☒ Measuring impurity

Correct Answer

☐ Evaluating performance

☐ Number of trees



Question 4

2 / 2 pts

True or False: Regression trees are used when the response variable is categorical.

☐ True

Correct!

☒ False



Question 5

2 / 2 pts

True or False: The predictive performance of regression trees can be measured in the same way that other predictive methods are evaluated (e.g. linear regression), using summary measures such as RMSE.

Correct!

☒ True☐ False

Question 6

2 / 2 pts

How can a random forest improve on decision trees?

☐ It gives more options to choose from.☐ It helps with understanding the use of scikit-learn.

Correct!

☒ It fixed the overfitting problem with decision trees.☐ None of the above

Question 7

2 / 2 pts

True or False: In regression trees, a typical impurity measure is the sum of the squared deviations from the mean of the terminal node.

Correct!

☒ True☐ False

Question 8

0 / 2 pts

What are the six stages of the analytics path to value creation, as asserted by Brent Dykes in his book, *Effective Data Storytelling: How to Drive Change with Data, Narrative, and Visuals*?

You Answered

- ☒ Data, information, insight, data story, decision, value
- ☐ Data, information, insight, visualization, decision, action
- ☐ Data, analytics, insight, data story, management, value

Correct Answer

- ☐ None of the above



Question 9

2 / 2 pts

True or False: *Pathos*, or the appeal to credibility, is an important element of persuasion and your data story, because it makes your message more engaging.

- ☐ True

Correct!

- ☒ False



Question 10

2 / 2 pts

As a data scientist, one of your primary goals is to drive action and influence change at your company or organization. What three fundamental effects must you have on your audience in order to get them to drive action?

- ☐ Attention, surprise, remember

Correct!

- ☒ Attention, understand, remember
- ☐ Attention, understand, educate
- ☐ None of the above

Quiz Score: 15.33 out of 20