

From Requirements to Collection

Quiz, 5 questions

1.5/5 points (30%)

 **Try again once you are ready.**

Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.

Back to Week 1

Retake



0 / 1
point

1.

Which of the following analogies is used in the videos to explain the Data Requirements and Data Collection stages of the data science methodology?



You can think of the Data Requirements and Data Collection stages as a cooking task, where the problem at hand is a recipe, and the data to answer the question is the ingredients.



You can think of the Data Requirements and Data Collection stages as building an outpatient clinic for patients with congestive heart failure, where the medical condition is the data and the patients are the ingredients.



This should not be selected

Incorrect.

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1.41
point

1.5/5 points (30%)

2.

The Data Requirements stage of the data science methodology involves identifying the necessary data content, formats and sources for initial data collection.

☐

False.

☒

True.

Correct

Correct.

0.50 / 1
point

3.

Which of the following statements are correct?

☐

Data scientists determine how to collect the data.

This should be selected

☒

Data scientists identify the data that is required for data modeling.

Correct

Correct.

☐

Data scientists determine how to prepare the data.

This should be selected

☒

None of the above.

Un-selected is correct

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0 / 1
point

1.5/5 points (30%)

4.

In the Data Collection stage, the business understanding of the problem is revised and decisions are made as to whether or not more data is needed.



True.



This should not be selected

In the Data Collection stage, the data requirements are revised and not the business understanding of the problem.



False.



0 / 1
point

5.

In the Data Collection stage, techniques such as supervised methods and unsupervised methods can be applied to the data set, to assess the content, quality, and initial insights about the data



True.



This should not be selected

Incorrect. Actually, descriptive statistics and visualization (not supervised and unsupervised methods) can be applied to the data set to assess the content, quality, and initial insights about the data.



False.

