From Understanding to Preparation
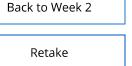Quiz, 5 questions

2/5 points (40%)

✕ **Try again once you are ready.**

Required to pass: 80% or higher

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

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| Retake |

✖   0 / 1
point

1.
Select the correct statement about the Data Understanding stage.

○ The Data Understanding stage encompasses sorting the data.

○ The Data Understanding stage encompasses all activities related to constructing the dataset.

○ The Data Understanding stage encompasses removing redundant data.

◉ All of the above statements about the Data Understanding stage are correct.

This should not be selected
Incorrect.

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2/5 points (40%)

0 / 1
point

2.
In the case study, working through the Data Preparation stage, it was revealed that the initial definition was not capturing all of the congestive heart failure admissions that were expected, based on clinical experience.

◯   False.

⬤   True.

This should not be selected
Incorrect. It was working through the Data Understanding staging that the initial definition was found to be incomplete.

✖   0 / 1
point

3.
The Data Preparation stage encompasses all activities related to constructing the dataset.

⬤   True.

This should not be selected
Incorrect. Actually, the Data Understanding stage is the stage that encompasses all activities related to constructing the dataset.

◯   False.

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1/1
point

2/5 points (40%)

4.
Select the correct statement about what data scientists and database administrators (DBAs) do during the Data Preparation stage.

○ During the Data Preparation stage, data scientists and DBAs define the variables to be used in the model.

○ During the Data Preparation stage, data scientists and DBAs determine the timing of events.

○ During the Data Preparation stage, data scientists and DBAs aggregate the data and merge them from different sources.

○ During the Data Preparation stage, data scientists and DBAs identify missing data.

○ All of the above statements are correct.

Correct
Correct.

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1 / 1 point

2/5 points (40%)

5.
Select the correct statement about the Data Preparation stage of the data science methodology.

○ Data Preparation is typically the least time-consuming methodological step.

◉ Data Preparation involves dealing with missing improperly coded data and can include using text analysis to structure unstructured or semi-structured text data.

▲

Correct
Correct.

○ Data Preparation cannot be accelerated through automation.

○ None of the above statements are correct.