



✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

From Understanding to Preparation

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

- ☐ 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.

✓ **Correct**
Correct.

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.

1 / 1 point

- ☒ False.
- ☐ True.

✓ **Correct**
Correct. It was working through the Data Understanding staging that the initial definition was found to be incomplete.

3. Select the correct statement about the Data Preparation stage.

1 / 1 point

- ☐ The Data Preparation stage involves addressing missing values.
- ☐ The Data Preparation stage involves correcting invalid values and addressing outliers.
- ☐ The Data Preparation stage involves removing duplicate data.
- ☐ The Data Preparation stage involves properly formatting the data.
- ☒ All of the above statements are correct.

✓ **Correct**
Correct.

4. During the Data Preparation stage, clients and stakeholders aggregate the data and merge them from different sources, enabling data scientists and DBAs to use clean data in the analysis.

1 / 1 point

- ☐ True.
- ☒ False.

✓ **Correct**
Correct.

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

1 / 1 point

- ☐ 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.
- ☐ Data Preparation cannot be accelerated through automation.
- ☐ None of the above statements are correct.

✓ **Correct**
Correct.