From Understanding to Preparation

LATEST SUBMISSION GRADE

100%

1. The Data Understanding stage refers to the stage of removing redundant data.   `1 / 1 point`

   ○ True

   ◉ False

   > ✓ **Correct**
   > Correct.

2. In the case study, during the Data Understanding stage, data scientists discovered that not all   `1 / 1 point`
   the congestive heart failure admissions that were expected were being captured. What
   action did they take to resolve the issue?

   ○ The data scientists did not need to do anything. In this case, expectations for the data
   were incorrect.

   ○ The data scientists looped back to the Business Understanding stage to redefine the
   requirements.

   ◉ The data scientists looped back to the Data Collection stage, adding secondary and
   tertiary diagnoses, and building a more comprehensive definition of congestive heart
   failure admission.

   ○ The data scientists added the missing data manually.

   > ✓ **Correct**
   > Building a data set is an iterative process. The methods for defining and collecting the
   > data can be refined until all the required information is accurately captured, even if
   > that means looping back to a previous stage in the model.

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   `1 / 1 point`
   them from different sources, enabling data scientists to use clean data in the analysis.

   ○ True

   ◉ False

   > ✓ **Correct**
   > Correct.

5. The Data Preparation stage is a very iterative and complicated stage that cannot be   `1 / 1 point`
   accelerated through automation.

   ○ True

   ◉ False

   > ✓ **Correct**
   > Correct.