

Question 1

In the case study, during the Data Understanding stage, data scientists discovered that not all the expected congestive heart failure admissions were being captured. What action did they take to resolve the issue? 0 / 1 point

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 added the missing data manually

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

Incorrect

Incorrect. For data to be accurately captured, regardless of collection manner, you have to understand what data to collect. This is defined before the Data Understanding stage.

Question 2

In the case study, while working through the Data Preparation stage, data scientists learned that the initial definition did not capture all expected congestive heart failure admissions. 1 / 1 point

False

True

Correct

Correct! It was working through the Data Understanding staging that the initial definition needed to be completed.

Question 3

Select the correct statement about the Data Preparation stage of the data science methodology. 1 / 1 point

The Data Preparation stage is typically the least time-consuming methodological step

Data scientists only use feature engineering when manually preparing the data

The Data Preparation stage involves handling missing and improperly coded data and can include using text analysis to structure unstructured or semi-structured text data

The Data Preparation stage cannot be accelerated using automation

Correct

Correct! The Data Preparation stage involves handling missing and improperly coded data and can include using text analysis to structure unstructured or semi-structured text data.