✓ **Congratulations! You passed!**
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GRADE
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From Requirements to Collection

LATEST SUBMISSION GRADE

100%

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?   **1 / 1 point**

   ⦿ 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.

   ✓ **Correct**
   Correct.

2. The Data Requirements stage of the data science methodology involves identifying the necessary data content, formats and sources for initial data collection.   **1 / 1 point**

   ◯ False.

   ⦿ True.

   ✓ **Correct**
   Correct.

3. Which of the following statements are correct?   **1 / 1 point**

   ☑ Data scientists determine how to collect the data.

   ✓ **Correct**
   Correct.

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

   ✓ **Correct**
   Correct.

   ☑ Data scientists determine how to prepare the data.

   ✓ **Correct**
   Correct.

   ☐ None of the above.

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.   **1 / 1 point**

   ⦿ False.

   ◯ True.

   ✓ **Correct**
   Correct.

5. In the Data Collection stage, techniques such as descriptive statistics and visualization can be applied to the data set, to assess the content, quality, and initial insights about the data   **1 / 1 point**

   ◯ False.

   ⦿ True.

   ✓ **Correct**
   Correct.

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