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

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# Test your knowledge on the data analysis process

**TOTAL POINTS 5**

1. The data analysis process phases are ask, prepare, process, analyze, share, and act. What do data analysts do during the ask phase?

**1 / 1 point**

- ◉ Define the problem to be solved
- ○ Clean the data
- ○ Create data visualizations
- ○ Collect and store data

✓ **Correct**
During the ask phase, data analysts define the problem by looking at the current state and identifying how it's different from the ideal state.

2. The data analysis process phases are ask, prepare, process, analyze, share, and act. During the process phase, a data analyst cleans data to ensure it's complete and correct.

**1 / 1 point**

- ◉ True
- ○ False

✓ **Correct**
The process phase is all about getting the details right, so data analysts clean data by fixing typos, inconsistencies, and missing or inaccurate data.

3. The data analysis process steps are ask, prepare, process, analyze, share, and act. During which phase would a data analyst use spreadsheets or query languages to transform data in order to draw conclusions?

**1 / 1 point**

- ○ Process
- ○ Act
- ◉ Analyze
- ○ Prepare

✓ **Correct**
The analyze step involves using data analytics tools such as spreadsheets and query languages to transform data in order to draw conclusions and make informed decisions.

4. The data analysis process steps are ask, prepare, process, analyze, share, and act. In which step would a data analyst use visuals such as charts or graphs to simplify complex data for better understanding?

**1 / 1 point**

- ○ Prepare
- ◉ Share
- ○ Process
- ○ Act

✓ **Correct**
The share step involves how results are interpreted and shared with others, often through data visualization.

5. A data analyst shares insights from their analysis during a formal presentation to stakeholders. In a slideshow, they make a data-driven recommendation for how to solve a business problem. What step of the data analysis process would come next?

**1 / 1 point**

- ◉ Act
- ○ Process
- ○ Prepare
- ○ Ask

✓ **Correct**

In this scenario, the data analyst has just shared insights. So, the next step would be to act and put those insights to work in order to solve the business problem.