

🎉 Congratulations! You passed!

Grade received 100% To pass 80% or higher

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1. For the following six questions, consider your detailed case study report and the steps of the data analysis process that you followed when creating it: ask, prepare, process, analyze, share, and act.

1 / 1 point

In the ask phase of your analysis, you wrote a clear statement of the business task. According to the Case Study Roadmap, this statement should 1) identify the specific problem you are trying to solve, and 2) consider key stakeholders. Take a moment to review your statement now. In what ways could you make it more effective at meeting these two requirements?

Knowing more about the company I am trying to build a solution for.
And about the stakeholders. A good thing would be to know more about their expectations for the project.

👉 Correct

A well-written business task provides you with a clear purpose when cleaning and analyzing data. It also helps you prioritize the types of visualizations to create and fine-tune the content of your final presentation.

2. In the prepare phase of your analysis, you described the data sources you used. According to the Case Study Roadmap, this description should include where the data is located and how it is organized. It should also consider issues with bias or credibility, problems with the data, and how you verified its integrity. Finally, your description should explain how the data helped you answer your questions. Take a moment to review your description now. What steps could you take to make it even more descriptive?

1 / 1 point

I could use a different perspective, and throughout the process, I could have done a report about the analysis process.

👉 Correct

As a junior data analyst, the credibility of your data has a big impact on your credibility with stakeholders. Information about your data should be readily available and clearly communicated so stakeholders know you are using high-quality data.

3. In the process phase of your analysis, you documented your data cleaning and manipulation. According to the Case Study Roadmap, this documentation should include a list of the tools you used and why you selected them. In addition, it was an opportunity to explain how you ensured your data's integrity and confirmed that it was clean and ready to analyze. Take a moment to review your documentation now. How can you improve it in order to describe your cleaning and manipulation techniques even more thoroughly?

1 / 1 point

As mentioned, I could add a report containing all my findings and modifications to the data.

👉 Correct

Data analysts are always thinking about how to improve their data analysis documentation skills. Reviewing your documentation sparks new ways of thinking and can highlight where there might be a mistake. This ensures your data-driven recommendations are sound.

4. In the analyze phase of your analysis, you wrote a summary of your analysis. According to the Case Study Roadmap, this summary should discuss organizing and formatting your data. In addition, it should detail any surprises, trends, or relationships you discovered. Lastly, you should summarize how these insights helped you answer your questions. Take a moment to review your summary now. How can you improve it in order to highlight your analysis process in a more compelling way?

1 / 1 point

A significant improvement would be adding more detailed information about the most critical insights to the project because I kept it all simple, in order to make it easier for the stakeholders to understand.

👉 Correct

A compelling summary of your data analysis demonstrates that you understand the data, can identify how it relates to the business case, and are sharing what you've found in the best possible way.

5. In the share phase of your analysis, you created data visualizations to support your key findings. According to the Case Study Roadmap, these visualizations should reflect your findings, data story, and audience — while keeping accessibility top of mind. Take a moment to review your visualizations now. Which one are you most proud of? And how can you apply your experiences during this course in order to improve the others?

1 / 1 point

The data visuals. I could have done more detailed data visuals.

👉 Correct

As a data analyst, it's important that your visualization skills keep evolving with the changes in technology and design. Reviewing and critiquing your own work provides many opportunities for growth and development.

6. In the act phase of your analysis, you provided recommendations based on the final conclusion from your analysis. You were also asked what additional data you could analyze to enhance your work. Take a moment to consider this question again now. Respond with at least two ideas that you did not include in your original report.

1 / 1 point

Good question. I added all the ideas to my final report.

👉 Correct

The act of asking yourself to come up with two more ideas can reveal recommendations that you had not thought of before. Hopefully, each of these questions gave you something new to consider. Reflecting on your work is a valuable step in the data analysis process.

To benefit from your efforts, consider printing this webpage as a PDF file before submitting this assessment. You can then refer to it in order to further improve your case study report.