



Learning Log: Reflect on the data analysis process

Instructions

You can use this document as a template for the learning log activity: Reflect on the data analysis process. Type your answers in this document, and save it on your computer or Google Drive.

We recommend that you save every learning log in one folder and include a date in the file name to help you stay organized. Important information like course number, title, and activity name are already included. After you finish your learning log entry, you can come back and reread your responses later to understand how your opinions on different topics may have changed throughout the courses.

To review detailed instructions on how to complete this activity, please return to Coursera: [Learning Log: Reflect on the data analysis process](#).

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| Date: 9 Nov 2021 | Course/topic: Course 1: Foundations: Data, Data Everywhere |
| | Learning Log: Reflect on the data analysis process |
| The data analysis process so far | <p>In reviewing the data analysis process so far, you have already performed a lot of analysis tasks!</p> <ul style="list-style-type: none">• You asked an interesting question, and defined a problem to solve through data analysis so you can answer that question.• You thought deeply about what data you would need, and how you would collect it in order to prepare.• You processed your data by organizing and structuring your data in a table, and then moving it to a spreadsheet.• You analyzed your data by inspecting and scanning it for patterns.• You shared your first data visualization: a bar chart.• After completing all the other steps, you acted: You reflected on your results, made decisions, and gained insight into your problem—even if that insight was that you don't have enough data, or that there were no obvious patterns in your data. Remember, negative results count just as much as positive results in data analysis. |
| Reflection: | Write 2-3 sentences (40-60 words) in response to each of the questions below. |
| Questions and responses: | <ul style="list-style-type: none">• Which part(s) of the data analysis process did you enjoy the most? What did you enjoy about it? <i>I enjoyed asking the right questions. It was new to me, I wondered how proper questioning could bring the most appropriate data for analysis. still I need to acquire more knowledge to ask relevant questions about a particular given problem.</i> |



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| | <ul style="list-style-type: none">• What were some of the key ideas you learned in this course? <i>I learned how to think analytically about solving a given business problem, learned data analysis steps, data life cycle and many useful theory I did not know.</i>• Are there concepts or portions of the content that you would like to learn more about? If so, what are they? Which upcoming course do you think would teach you the most about this area? <i>I want to master all of the data analysis phases. I think the next course will help me to learn more about Ask phase, the later courses will help on the rest skills.</i>• Now that you've gained experience doing data analysis, how do you feel about becoming a data analyst? Have your feelings changed since you began this course? If so, how? <i>Very little changes, because with this knowledge, I cannot pass an interview for a data analyst job, to be honest.</i> |
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