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.

Date: <enter date>	**Course/topic:** Course 1: Foundations: Data, Data Everywhere
	Learning Log: Reflect on the data analysis process
The data analysis process so far	In reviewing the data analysis process so far, you have already performed a lot of analysis tasks! ● 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:	● Which part(s) of the data analysis process did you enjoy the most? What did you enjoy about it? *I really enjoyed the process and analysis phases because in these parts I am manipulating the data trying to extract information and insights from it. I also can use computers programming languages to help me during this process.* ● What were some of the key ideas you learned in this course? *That I can do a lot without knowing how to program.*

- 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 would like to learn more about how do I extract data from a database and use it with a programming language. So, I can use a Machine Learning algorithm to help me analyze all the data. I think the courses that deal with the SQL, R language, and the last course which is a hand on will help me get closer to my goals.

- 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?
  It is not my plan to become a Data Analyst. I am just curious about these topics, and I see value in all this knowledge. It will help me on my career path, definitely.