**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](https://www.coursera.org/learn/foundations-data/supplement/A6amf/learning-log-reflect-on-the-data-analysis-process).

| **Date:** <enter date> | **Course/topic:** Course 1: Foundations: Data, Data Everywhere | | |
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| **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?   *-> Truly, I enjoy every step as it helps me to become a better data analyst, each process has their own values. For instance,* ***‘Ask process’*** *makes me become a person that thinks about what questions should be asked to identify the problems and the expectations of the business.* ***‘Analyze process’*** *helps me to gain insight information from the data, some that might not be shown explicitly.*   * What were some of the key ideas you learned in this course?   *-> I have learned about the 6 phases of the data analysis process, 6 stages of the data life cycle, analytical skills, and analytical thinking. Each part highlights its own values and helps the learners not missing any parts. In my opinion, breaking down each step helps the brain to digest the information quicker and tends to have a long-term memory.*   * 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 want to learn more about using the analysis tools deeper since it is a part of a data analyst's daily life. It will be included in the course on Milstone 5 (Analyze Data to Answer Questions) and 7 (Data Analysis with R Programming).*   * 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 admitted that first I am interested in data analysis as it is useful in that it could turn data into insights that help the business and others. Up until now, I think my feeling changes, but in a positive way, I learn more about ‘What is exactly data analysis’ and ‘What does data analysts do in daily’, I am amazed by the courses, it is well-prepared and help the learners go through each step, it makes me want to explore more about the data world.* | | |