**Learning Log: Reflect on the data analysis process**

| **Date:** 24/12/22 | **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?   I enjoy visualization very much, although I’m just a beginner I’m fascinated by visualizations and want to create some great pieces as soon as I can. I like them because complex information can be interpreted easily and its a treat to look at.   * What were some of the key ideas you learned in this course?   *On the technical front it was almost nothing new however I learned the norms of data analysts such as not making only intuitive decisions but to make sure that they are backed by facts and data and that is important for a fledgling like me.*   * 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?   *For quite some time now I’ve liked the visualizations part and as I’m most interested in learning about visualization, I'm really looking forward to the “Share data through the art of Visualization” course.*   * 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?   *Well I so eagerly want to become a data analyst and that want has been consistent throughout, the changed aspect is that now, I do have a clearer vision of what I’ll be doing and for that how I should be learning, so that’s probably why the intensity increased.* | | |