**Learning Log: Consider what data means to you**

|  |  |
| --- | --- |
| **Date:** 07/08/2021 | **Course 2:** Ask Questions to Make Data-Driven Decisions |
| **Learning Log:** Consider what data means to you |
| **Data and problem-solving** | Pause for a moment and think about the word “data.” What does it mean to you?  Although it’s clear that data is a major part of a data analyst’s job, it’s only part of the “big picture.” The other part is problem solving. Being a successful data analyst means understanding that each problem is unique and working methodically to solve that problem with data.  By definition, most new problems data analysts face start in “unknown territory." It’s up to the data analyst and their problem solving skills to think strategically, ask good questions, and use data to come up with solutions to these problems. |
| **Reflection:** | Write 3-5 sentences (60-100 words) reflecting on what data means to you. Then write 2-3 sentences (40-60 words) reflecting on the problem-solving process by answering each of the questions below: |
| **Questions and responses:** | * What does data mean to you?   *To solve a problem we need to collect information by asking questions. To find answers to those questions we need to collect information. This information can be images, letters, survey, etc. So for me,* ***data means information that I need to solve a problem.***   * When you come across a problem and you aren’t sure of the answer or solution, what do you do?   *I tried to seek those who are facing the same problem. Then I will ask question about their habits to match mine. From their data, I will try to find a connection between their habits and mine. If I found the reason for the problem I will be able to find an answer too.*   * How do you identify new and interesting problems to begin with? Is there a process you use to identify problems you want to solve?   *I always try to see what is the standard procedure of doing something. If my procedure is different from the standard procedure than I might face a problem now or in the future.* |