



# Learning Log: Consider what data means to you

## Instructions

You can use this document as a template for the learning log activity: Consider how data analysts approach tasks. 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: Consider what data means to you](#).

<b>Date:</b> <enter date>	<b>Course/topic:</b> Course 2: Ask Questions to Make Data-Driven Decisions
	<b>Learning Log:</b> Consider what data means to you
<b>Data and problem-solving</b>	<p>Pause for a moment and think about the word “data.” What does it mean to you?</p> <p>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.</p> <p>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.</p>
<b>Reflection:</b>	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:
<b>Questions and responses:</b>	<ul style="list-style-type: none"><li>What does data mean to you? <i>Data is the information or the facts is based on a particular environment and it represents each step involved in it. We can use the data to understand in a better way what our system is doing and how it is doing. This data comes from various stakeholders or systems which are there in the environment. We can ask data or collect the data from the central system whatever data we want. I feel data is a very powerful currency in today's world. Without data you can not define your growth.</i></li></ul>



	<ul style="list-style-type: none"><li>• When you come across a problem and you aren't sure of the answer or solution, what do you do? <i>I will ask more questions or information about data that let me understand data and its nature very clearly. After that I will try various techniques to extract meaningful information from it.</i></li><li>• 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>Yes. First we need to understand the problem statement very clearly. Then divide that problem into subproblems or can group the problems which have dependency then think over each problem and try to solve it individually and at last combine that together so we can get one solution to the entire problem statement that we have.</i></li></ul>
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