



Learning Log: Ask SMART questions about real life data sources

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: Ask SMART questions about real life data sources.](#)

Date: <enter date>	Course/topic: Course 2: Ask Questions to Make Data-Driven Decisions
	Learning Log: Ask SMART questions about real life data sources
Review your notes	<p>Before you begin your new entry, take a moment to locate and read the notes you took during your data conversation. Based on the answers to your well-prepared SMART questions, you should have a better context for your target audience now. Review those answers and start thinking about the following:</p> <ul style="list-style-type: none">• Stakeholder's business goals; in this case, the person you had a conversation with• Identifying the data needed to answer the SMART questions• Exploring what data the stakeholder already has• Determining the data that you don't have, but need in order to answer the questions
Reflection:	<p>Write 5-7 sentences (100-140 words) about data sources discussed during your real-life data conversation.</p>
Questions and responses:	<p>First, consider your data conversation and how it went. Here are some questions to help you get started:</p> <ul style="list-style-type: none">• Was there anything challenging about getting the conversation started?• Were there questions you didn't get to ask?• Did you manage your time effectively?• Did you take notes? Are they as detailed as you need them to be?• Are you missing any information? Is there anything that you still find unclear or vague?



- If you could do the conversation over again, is there anything you would change?
- 1. *No, as we were all working on the same project. However there are always a few gray areas which are not asked properly as we have to be fair in our questions.*
- 2. *Yes, Some of the questions were about the staff members, as if there were some bad elements that were responsible for the bad reviews.*
- 3. *After the first week where we were figuring out what to ask, everything else went smoothly.*
- 4. *Yes, apart from taking note, I made a marker on the places where quantitative data were to be collected to substantiate a claim.*
- 5. *Yes, The questions about the specific members of the staff. This is a question about fairness so has been left unanswered.*

Next, turn your attention to your notes and reflect on what you know about the data itself:

- What are the sources of data available for the project?
- Which data sources were qualitative and which were quantitative? Explain your answer.
- What decisions could you make when considering each data source separately? Could you make different decisions about the data if you combined it? If so, give an example.
- Is there any kind of data that isn't available, but you would like to find? If so, what is it, and why would you like to know more about it?
Type your response here

1. *There is the data that the business has shared with us of its fiscal years. Apart from that we do have some more data about the businesses in that area.*
2. *The Questions about the profits, fiscal year statements, employee salaries were the examples of the qualitative data. And the questions about why a certain time period, why during a certain time in the day, why about a specific employee were examples on qualitative data.*
3. *Yes, This is true. If we see that data of the first quarter alone we will see a very low number of reviews since there is not a lot of units sold. However if we combine the data over the fiscal year and maybe 2 (due to covid) we can see that it tells a completely different story.*
4. *Yes, I would like to know more about the employees. This is because they are the ones that face the customers. If we can be fair in our questions I believe we can collect a bit more data.*