**Learning Log: Ask SMART questions about real life data source**

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| **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** | 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:   * 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:** | Write 5-7 sentences (100-140 words) about data sources discussed during your real-life data conversation. |
| **Questions and responses:** | First, consider your data conversation and how it went. Here are some questions to help you get started:   * Was there anything challenging about getting the conversation started?   *Yes. The person I am talking to is 68 years old. I had to understand his schedule and find out when he was interested in getting into conversations.*   * Were there questions you didn’t get to ask?   Yes. Did he always monitor his glucose level at home? If No, then how many times he goes to a medical center to monitor his glucose level in a year?   * Did you manage your time effectively?     *Yes, I have.*   * Did you take notes? Are they as detailed as you need them to be?     *Yes, I have taken notes and, they were detailed.*   * Are you missing any information? Is there anything that you still find unclear or vague?   Yes, I asked the total time of his walking every day. I should have asked the total time of his walking and did he walked continuously.   * If you could do the conversation over again, is there anything you would change?   Yes. I should have used some short and simple words to make the  conversation more easygoing.    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?   Stuctured interview   * Which data sources were qualitative and which were quantitative? Explain your answer.     **Qulitative Data** :Can you describe how this data help your doctor to give  you proper treatment past years? What type of data do you use before  taking your insulin shot?  **Quantitative Data**: How much insulin you take every day? How many  times you consult with your a doctor in a year?   * 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.     No.     * 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?   *Yes, I asked the total time of his walking every day. I should have asked the total time of his walking and did he walked continuously.* |