**Learning Log: Define problems and ask questions with data**

**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: Define problems and ask questions with data](https://www.coursera.org/learn/ask-questions-make-decisions/supplement/guGix/learning-log-define-problems-and-ask-questions-with-data).

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| **Date:** <04.02.2022> | **Course/topic:** Course 2: Ask Questions to Make Data-Driven Decisions |
| **Learning Log:** Define problems and ask questions with data |
| **Summarize your findings** | Create a summary of key information you think a stakeholder would need to know about this project. In this case, your stakeholder could be a member of the executive team, like a project manager. Here are some questions to help you get started:   * What is the problem? * Can it be solved with data? If so, what data? * Where is this data? Does it exist, or do you need to collect it? * Are you using private data that someone will need to give you access to, or publicly available data? * Who are the relevant sponsors and stakeholders for this project? Who is involved, and how? * What are the boundaries for your project? What do you consider “in-scope?” What do you consider “out-of-scope?” * Is there any other information you think is relevant to the project? * Is there any information you need or questions you need answered before you can begin? |
| **Reflection:** | Write 5-7 sentences (100-140 words) summarizing the key questions, the data available, and the answers or insights you have gained so far |
| **Questions and responses:** | 1. **What is the problem?** *The problems that we face right now are as follows :*  * *Regularly update the demographic information of Indonesian people living in Dresden* * *the difficulty of having an offline event during the pandemic consequently minimizes the number of fundraising activity, which mainly reduces the amount of organization’s cash*  1. **Can it be solved with data?**   Yes, it can be solved. We need the updated of demographic data of Indonesian people in Dresden, in particular their current activities in Dresden, either working, studying, or accompanying the family. Another data that should also be learned is the financial data of the community, which can provide knowledge about regular income and expenses of the community.   1. **Where is this data? Is it accessible?** One could probably obtain the data from the Indonesian Embassy, but it is likely the case that the data is not always maintained and updated, and thus it is not easily accessed by public. This leads us to a decision to conduct a survey that will be distributed to the Indonesian people living in Dresden 2. **Who is involved, and how?**   There will be selected number of people who are expected to help make and distribute the survey   1. **What are the boundaries for your project? What do you consider “in-scope?” What do you consider “out-of-scope?”**   This project only focuses on the demographic data of Indonesian people who are currently living here and on the financial history of the community. The project will neither put their attention as much as possible to Indonesian people who are no longer living here nor to financial data before 2012 |