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# Chapter 3 - Data Collection Mini-project

## Instructions

1. Please submit the assignment through TalentLabs Learning System.

In this exercise you will work through the data collection process. An example solution is discussed in the final lesson of chapter 2. By the end of the exercise you will submit a zip file that will contain three files – the data file, the documentation file and **this word document** with your answers to previous questions.

Your challenge is to pick a topic of your choosing (something that interests you) and then **ask a question** that can be answered with data. Next, you need to state:
- The **aim** of your project
- The **type of data** that you require
- Whether primary or secondary data collection is better for the task and **why**
- With what **method** will the data be collected and **why**

All this information should be documented into the documentation file.

Next you should collect the data. Once the data is collected create a folder and add the data to it. In the same folder add this word document with your answers to previous questions in Part 1. To the folder, also add the documentation file and document your project within that file. When documenting, state the aim, type of data, method of data collection etc. Also explain the reasons behind your decisions and include anything else you think should be documented.

Finally, create a zip version of your folder that has the three files and submit the zip file to Talent Labs.

(9 marks)

<mark>Answers</mark>

<u>Documentation</u>

1. Aim:

To analyse the effects of online learning on student engagement compared to traditional classroom learning.

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2. Type of Data Required:
   - Quantitative: Engagement metrics (satisfaction, attendance, participation)
   - Qualitative: Students personal feedback on learning experiences

3. Data Collection Method:

Primary data collection is better because we can have a better understanding of the responds and relations when students give their feedback.

4. Method of collection:
   - Surveys: To gather quantitative data on engagement levels.
   - Interviews: To obtain qualitative insights into student experiences.