Some extra questions on your work

From: Melanie

To: You

Date : **Today – 12:08**

Hello,

Here are the questions I have for you! Could you create some slides to answer each of them?

- Slide(s) on data analysis lifecycle:
    - Which aspects of the data analysis lifecycle are you primarily involved with on this project?
    - What activities would you need to do before undertaking this project? Think about where the data came from.
    - What would you need to do to allow this analysis to be repeated with updated data, and how would this solution be maintained?
    - How does this project fit into a broader data lifecycle?
- Slide(s) on requirements:
    - What aspects of the requirements were not 100% clear to you?
    - Would it have been easier if you could talk directly to Oliver? If so, what sorts of questions would you want to ask him?
    - How did you analyse the requirements?
- Series of slides on tools. This will take a number of slides.
    - Were the tools you used appropriate for the job?
    - Why was SQLite used over PostgreSQL for this project?
    - What are the benefits of adopting relational database technologies for an IT organisation?
- Slide(s) on quality:
    - What did you think of the organisation of the source data and how that mapped to the structure of your database? Was there a natural mapping from the CSV files to the database tables?
    - Was the data consistent? In other words, were there any issues with the data that prevented you from producing good quality results?
    - Did you find the definitions of the data were detailed enough to assist you in the tasks?
    - What steps would you take to ensure that any concerns about data quality are dealt with appropriately? Who would you talk to about this?
- Slide(s) on security, ethics and legislation:
    - Was the data sufficiently masked, or are there personal details present in the data?
    - Can you think of possible techniques (e.g. statistics) that could unmask the participants in this data?
    - Are there any ethical considerations with our intended use of this data?
    - Is the use of this data covered by any legislation, and if so, what is that legislation?

Good luck!

Melanie