**Based on the videos and the reading material, how would you define a data scientist and data science? (3 marks)**

A **data scientist** is a professional responsible for collecting, analyzing, and interpreting a vast amount of data. The data scientist role is an offshoot of several traditional technical roles including scientist, mathematician, and computer engineer. A data scientist, in my understanding, is a person who connects the relationship between the business world and the real data world. A **data science** is the craft that a data scientist utilizes to make this happen. Data science and machine learning provide the basis for business growth, risk reduction, cost, and even analyze business models. Built for data scientists by a data scientist, now can create value faster using the best open source and IBM together. data science is a detailed study of to steps of information from a large amount of data present in the organization directory. It includes obtaining meaningful insights from raw and unstructured data which is processed through analytical, programming, personal curiosity, way of organization, and business understanding.

**As discussed in the videos and the reading material, data science can be applied to problems across different industries. Give a brief explanation describing what industry you are passionate about and would like to pursue a data science career in? (2 marks)**

My dream is marketing like a data-driven approach in the IT industry and a transparent process of analyzing, visualizing, and finding insight into the data and gettings some valuable outcomes for the company. I want to make a powerful, knowledgeable, and passionate data scientist.

**Based on the videos and the reading material, what are the ten main components of a report that would be delivered at the end of a data science project? (5 marks)**

Based on the video and the reading material, a final deliverable in the form of a report has the following 10 main components:

1. cover page

2. table of contents

3. Executive Summary

4. Introductory Section

5. Methodology Section

6. Result Section

7. Discussion Section

8. Conclusion Section

9. References

10. Acknowledgment