**What is Data Science?**

1. 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 person who has complete knowledge of Statistics, Machine learning, some Programming tools and mainly understanding the data which can help derive meaning from the data. Data Science is a term where various tools and knowledge of statistics/machine learning is required to work on data and find valuable insights and patterns in it.

1. As discussed in the videos and the reading material, data science can be applied to problems across different industries. What industry are you passionate about and would like to pursue a data science career in? **(1 mark)**

I would love to apply my data science knowledge in the Sports industry and retail industry.

1. 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)**
2. The ten main components of a report are:
3. 1. Cover page
4. 2. Table of contents
5. 3. Abstract
6. 4. Introductory
7. 5. Data Section
8. 6. Methodology
9. 7. Analysis
10. 8. Result
11. 9. Conclusion
12. 10. References