What is Data Science?

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

Data Scientist: Data Scientist is someone who finds solution to a problem through analysing large or small data by appropriate tools and then tell stories to communicate their finding to the relevant stakeholders. Data Scientist uses data to find solutions to problems and tells stories to communicate their findings**.**

Data Science: Data Science is something that Data Scientists do.

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)**

As mentioned, and previously discussed in the reading materials, there are many different domains in which you can pursue Data Science in. I personally find my interest towards finance, everything to do with numbers fascinates me very much. I also took a course in finance field which I loved. That is why I think Data Science in Finance domain is best for me.

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)**

Eight main components of a report that would be delivered at the end of a data science project are:

• Cover page
• Table of contents
• Introductory section
• Methodology section
• Results section
• Discussion section
• Conclusion section
• References
• Acknowledgment
• Appendix