

What is Data Science?

PROMPT

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

Data Scientist: A data scientist is someone who uses the right tools to analyze huge or small amounts of data to solve problems. They then use stories to explain their conclusions to the proper parties. Data scientists utilize data to solve problems and use stories to describe their results.

Data Science: Data Scientist works in the field of data science.

PROMPT

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 previously noted, and described in the reading materials, there are numerous sectors in which you can pursue Data Science. Personally, I am fascinated by data and everything that has to do with how data accumulates and is managed. I also took a database management course, which I enjoyed. That is why I believe Data Science in the IT domain is perfect for me.

PROMPT

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)**

- Cover page
- Table of contents
- Introductory section
- Methodology section
- Results section
- Discussion section
- Conclusion section
- References
- Acknowledgement
- Appendixes, are the eight primary components of a report that would be provided at the end of a data science project.