

**Q1) Based on the videos and the reading material, how would you define a data scientist and data science? (3 marks)**

Data science is a process. It is the art of uncovering insights and trends hiding behind data using mathematics, programming ability and statistics. Data scientist is to be curious, judgmental and argumentative. Secondly, the data scientist should have knowledge of programming to make software. The Data scientist must first determine what he or she interested in. His/her perspective will provide a significant plus.

**Q2) 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)**

The food and grocery industry interests me. It attracts my attention as it is a sector that we are in every day in our daily life. For this reason, there are things that I am curious about this subject everyday.

**Q3) 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,
- a table of contents(ToC),
- executive summary,
- detailed contents,
- acknowledgments,
- references,
- appendices,

- introductory section,
- methodology,
- result section.