**What is Data Science?**

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

**Ans:** A Data Scientist is someone who finds a solution to problems by analyzing big or small data using appropriate tools and tells stories to communicate her findings to the relevant stakeholders. Here the data size is not a restrictive clause. A data below a certain arbitrary threshold does not make one less of a data scientist also the term analytic tools is not restricted to only machine learning tools.

A Data Science is something that a Data Sceintist do.

**Q2** 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)**

**Ans:** I am passionate about working in the IT industry, more specifically handling the user data to make the lives of people better through technology.

**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)**

**Ans:** The ten main components of a report that would be delivered at the end of a data science project are:

* Cover Page
* Table of Contents
* Introduction
* Methodology
* Result
* Discussion
* Conclusion
* References
* Acknowledgement
* Appendices (optional)