ACS 1803 Assignment 2

Due: ~~October 16, 2019 (1803-051)~~
New: October 23, 2019 (1803-051)

Submit: Kerry Augustine
Instructor, ACS-1803
c/o Connie Arnhold, Room 3D13

Total 30 marks.

To be done individually.

1. **(10 marks)**
   Based on the class discussion about Big Data, write a 750-word essay explaining why Big Data cannot be effectively analyzed using traditionally established systems, processes and resources.

   To answer this question, you can consider what Big Data is, the relevance of Big Data, the challenges with Big Data, where Big Data comes from and how it is processed. Explain your ideas using examples.

2. **(20 marks)**
   Read the following scenario, and write one or two paragraphs to answer each of the sub-questions below:

   Consider a small, but growing, company that distributes kitchen supplies. The customers are primarily small retailers such as kitchen specialty stores, hardware stores, and other types of home retail stores. Managers currently keep track of all customers, orders, and inventory information using a spreadsheet.

   a) **(5)** Describe in detail the Sales Cycle in such an organization, including the different stages of the cycle and the type of information that would be processed in each stage of the cycle.

   b) **(5)** How would a TPS help the managers of this company keep track of orders and inventory? What would the advantage be in automating this process?

   c) **(5)** Identify and discuss two (2) Managerial level decisions, and two (2) strategic decisions that can be made within this company. Explain your reasoning.

   d) **(5)** If a TPS was set up to automate the order entry and inventory system, provide two examples of reports that could be produced at the Managerial Level, and one example of a report that could be produced at the Strategic Level. Explain and describe the reports.