**Tableau Assignment 1**

1. What exactly is Tableau?

Ans Tableau is a data visualization tool. It is used to represent the data in a graphical format and present the dashboard to share holder where it could be helpful in taking business decision.

1. What are the different Tableau products available?

Ans- Tableau Cloud, Tableau Desktop, Tableau Server, Tableau Prep, Tableau Data Management, Salesforce, Tableau Public, Tableau embedded Analytics, Tableau Mobile, Tableau bridge.

1. In Tableau, how many tables can you join at once?

Ans- 32 Tables

1. What are the various types of connections you may establish with Tableau and your dataset?

Ans. Tableau can be used to establish various types of connection. It could be used to connect to a text file, excel, pdf, JSON and any other type of file. It can establish connection with Server and database (MySQL, Oracle, amazon). It can also connect to various databases using its ODBC connector. Tableau has the capability to connect to servers and web connectors.

PROBLEM WITH PRACTICE https://www.kaggle.com/juhi1994/superstore Data: US Superstore Data Link: <https://www.kaggle.com/juhi1994/superstore>

Analyze and respond to the following questions using the information provided.

1. What is the store's overall revenue?

Ans. 2297200.86

1. What is the total amount of furniture sold to the Customer Segment "Corporate"?

Ans. Quantity sold- 2495, Sum of sales- 229019.78

|  |  |
| --- | --- |
| First Class | 0.164609883 |
| Same Day | 0.152394107 |
| Second Class | 0.138894602 |
| Standard Class | 0.160023458 |

1. Calculate the average discount for each order priority and choose the one with the most significant value.

Ans. First Class- 0.164