Tableau

Assignment 1

1. **What exactly is Tableau?**
   Ans: Tableau Software is an interactive data visualization software company focused on business intelligence. It helps people see and understand their data. It makes Big Data small, and small data insightful and actionable.

2. **What are the different Tableau products available?**
   Ans: Tableau Prep, Tableau Desktop, Tableau Server, Tableau Online, Tableau Public

3. **In Tableau, how many tables can you join at once?**
   Ans: 32 tables can be joined at once on Tableau.

4. **What are the various types of connections you may establish with Tableau and your dataset?**
   Ans: There are a lot of ways tableau can connect to my datasource. Some of the important ones are CSV files, Excel files, SQL files, JSON files, text files, spatial files, statistical files etc.

   PROBLEM WITH PRACTICE
   Data: US Superstore
   Data Link: https://www.kaggle.com/juhi1994/superstore
   Analyze and respond to the following questions using the information provided.

5. **What is the store's overall revenue?**
   Ans: In 4 years (2014-17) the total sales was $2,297,200.8603. We can say the store's overall revenue was $2,297,201

6. **What is the total amount of furniture sold to the Customer Segment "Corporate"?**
   Ans: The total amount of furniture sold to the customer segment "Corporate" is $229,019.7858, or we can say $229,020

7. **Calculate the average discount for each order priority and choose the one with the most significant value.**
   Ans: If I understood the question correctly, the product Eureka Disposable Bags for Sanitaire Vibra Groomer I Upright Vac with the order id US-2017-155299 has the highest amount of discount provided, which is 80%