**Tableau Assignment 1**

**1. What exactly is Tableau?**

**A. Tableau** is a powerful and fastest growing data visualization tool used in the Business Intelligence Industry. It helps in simplifying raw data in a very easily understandable format. Tableau helps create the data that can be understood by professionals at any level in an organization. It also allows non-technical users to create customized dashboards. Data analysis is very fast with Tableau tool and the visualizations created are in the form of dashboards and worksheets.

**2. What are the different Tableau products available?**

**A.** The different types of Tableau products available are :

1. Tableau Desktop
2. Tableau Public
3. Tableau Server
4. Tableau Prep
5. Tableau Online
6. Tableau Reader

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

**A.** In Tableau, we can join a maximum of 32 Tables at once.

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

**A.** [Tableau](https://public.tableau.com/app/profile/zuar) groups the types of data connections into three main categories: **Tableau Server**, **File**, and **Server**.

1. The File category consists of different files you can reference. These files include text, CSV, JSON, Excel, etc.
2. Under the Server category, data can be acquired from a host of different relational and [NoSQL data sources](https://www.zuar.com/blog/whats-the-difference-between-sql-nosql/) like SQL Server, Oracle Server, Amazon Redshift, Snowflake e.t.c,
3. The Tableau Server Data Source enables access to data sources created and housed in a Tableau Server, which is excellent if you need access to data sources used in other Tableau reports.

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

**6. What is the store's overall revenue?**

**A.** The Store’s overall revenue is 89,51,931.32000003

1. **What is the total amount of furniture sold to the Customer Segment "Corporate"?**
2. The total amount of furniture sold to the Customer Segment "Corporate" is 11,49,285.67
3. **Calculate the average discount for each order priority and choose the one with the**

**Most significant value.**

1. The Order Priority with most significant Discount Average is  **LOW : 0.050342679**