Tableau Assignment 1

1. What exactly is Tableau?

Tableau is an excellent data visualization and BI tool used for reporting and analyzing vast volumes of data. It helps to create charts, graphs, maps, dashboards and stories for visualizing and analyzing the data for better decision making.

1. What are the different Tableau products available?

Tableau products are

* Tableau Desktop
* Tableau Public
* Tableau Server
* Tableau Mobile
* Tableau Online
* Tableau Reader

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

Max of 32 Tables can be joined in tableau at once and 255 columns max.

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

* File system such as csv and excel etc.
* Relational server such as Oracle , Sql Server , DB2 etc.
* Cloud System such as Windows Azure , Google Big Query etc.
* Other source such as ODBC.
* Connect Live is used for real time data analysis .Tableau connects to real time data and source and keeps reading the data.
* In-memory tableau can process data in-memory catching them in cache memory and need to connect to source while analyzing the data.
* Combined sources tableau can connect different data sources at once. Single note book from flat file and other from relation database from multiple connections. This feature is used in data blending.

PROBLEM WITH PRACTICE

http[s://w](http://www.kaggle.com/juhi1994/superstore)ww.k[aggle.com/juhi1994/superstore](http://www.kaggle.com/juhi1994/superstore) Data: US Superstore Data Link: <https://www.kaggle.com/juhi1994/superstore>

1. Analyze and respond to the following questions using the information provided
2. What is the store's overall revenue?

Store’s overall revenue :22,97,200.8603

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

Corporate furniture:2,29,020

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

Average discount most significant value: 0.5