Tableau Assignment 2

1. What is Tableau Data Engine?

Hyper is a tableau in-memory data engine, which optimize fast data import and analytical query processing on large or complex data set.

1. How to create a calculated field in Tableau?

In Tableau, select Analysis > Create Calculated Field. > In the Calculation Editor that opens, do the following: Enter a name for the calculated field. ...> When finished, click OK. The new calculated field is added either to Measures or dimension in the Data pane.

1. Can you tell the differences between Tree Map and Heat Map?

When we visualize hierarchical structure of data then we us tree map which projects data in rectangular manner.

But when data needs to visualize in a comparison and category wise then we use a heat map plot.

1. What are the components of a dashboard?

There are four components are on dashboard

1. Horizontal
2. Vertical
3. Text
4. Image

PRACTICE PROBLEM

Data: US Superstore Data

Link: <https://www.kaggle.com/juhi1994/superstore>

1. Based on the given data, analyses and answer the following questions
   1. How much sales have come from customers from the previous in the current year in terms of Sales Value?

Customer who has join on 2014 are 484,247 which consider to be 100%

On 2015 there no become 849,392 or 77.06% of total sales on 2015

On 2016 there no become 1,304,300 or 74.67% of total sales on 2016

On 2017 there no become 1,837,325 or 72.70% of total sales on 2017

* 1. How much sales have come from customers from the previous in the current year in terms of Sales Percentage?

Customer who has join on 2014 are 21.08%

On 2015 there no become 15.90%

On 2016 there no become 19.80%

On 2017 there no become 23.20%

* 1. Find the orders placed by each customer.

134 customers have placed distinct 5 orders

116 customers have placed distinct 7 orders

107 customers have placed distinct 6 orders

96 customers have placed distinct 4 orders

82 customers have placed distinct 8 orders

71 customers have placed distinct 9 orders

53 customers have placed distinct 3 orders

39 customers have placed distinct 10 orders

34 customers have placed distinct 2 orders

23 customers have placed distinct 11 orders

18 customers have placed distinct 12 orders

12 customers have placed distinct 1 order

7 customers have placed distinct 13 orders

1 customer have placed distinct 17 orders

