

# Tableau- Assignment 7

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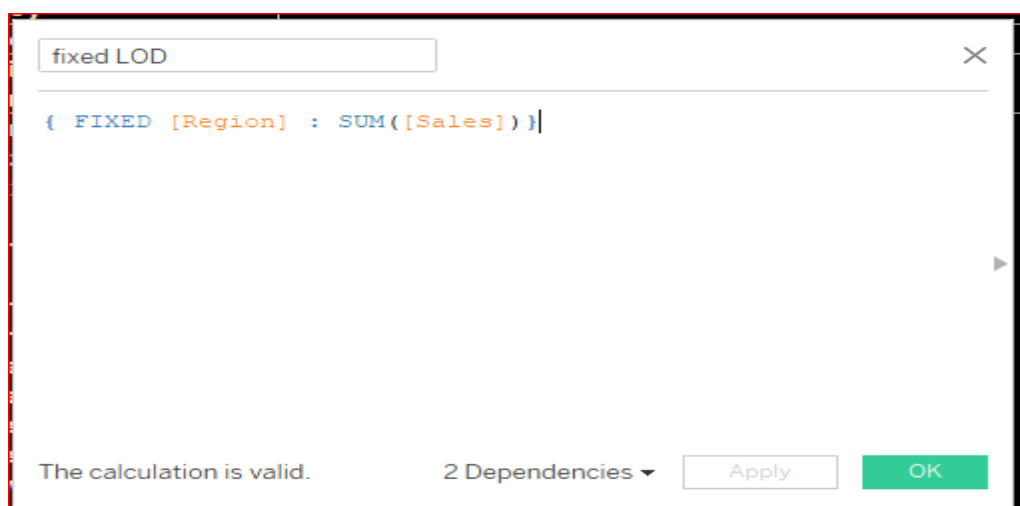
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**1. Using the concept of Exclude-LOD, create a view/worksheet that shows the sales by region, by state, and by the city in parallel with the dimensions, “Region”, “State” and “City”. Use the Global Superstore Orders 2016 dataset.**





**2. Calculations for Fixed-LOD are independent of the view. Regardless of what is or is not included in the view, they simply concentrate on the dimension that we utilize in the "Fixed LOD Calculations." With respect to the information shared above, create a view/worksheet that shows the sales by region, by state, and by the city in parallel with the dimensions, "Region", "State" and "City" keeping the sales constant w.r.t to the dimensions used in the view. Name the custom LOD calculations with the suffix "Fixed". Use the Global Superstore Orders 2016 dataset.**



**3. Using the concept of Include-LOD, create a view/worksheet that shows the "Average Sales Amount" for all the customers and the "Average Transaction Amount per Customer" in the same sheet. Use the PowerStore\_USA dataset. (Hint: Add up all the client sales to get the "Average Sales Amount," then divide by the total number of customers. Combine the transaction amounts for each client, then add the totals for all customers to obtain the "Average Sales Amount per Customer." Lastly, divide the total sum for all clients by the distinct clients.)**

Include LOD

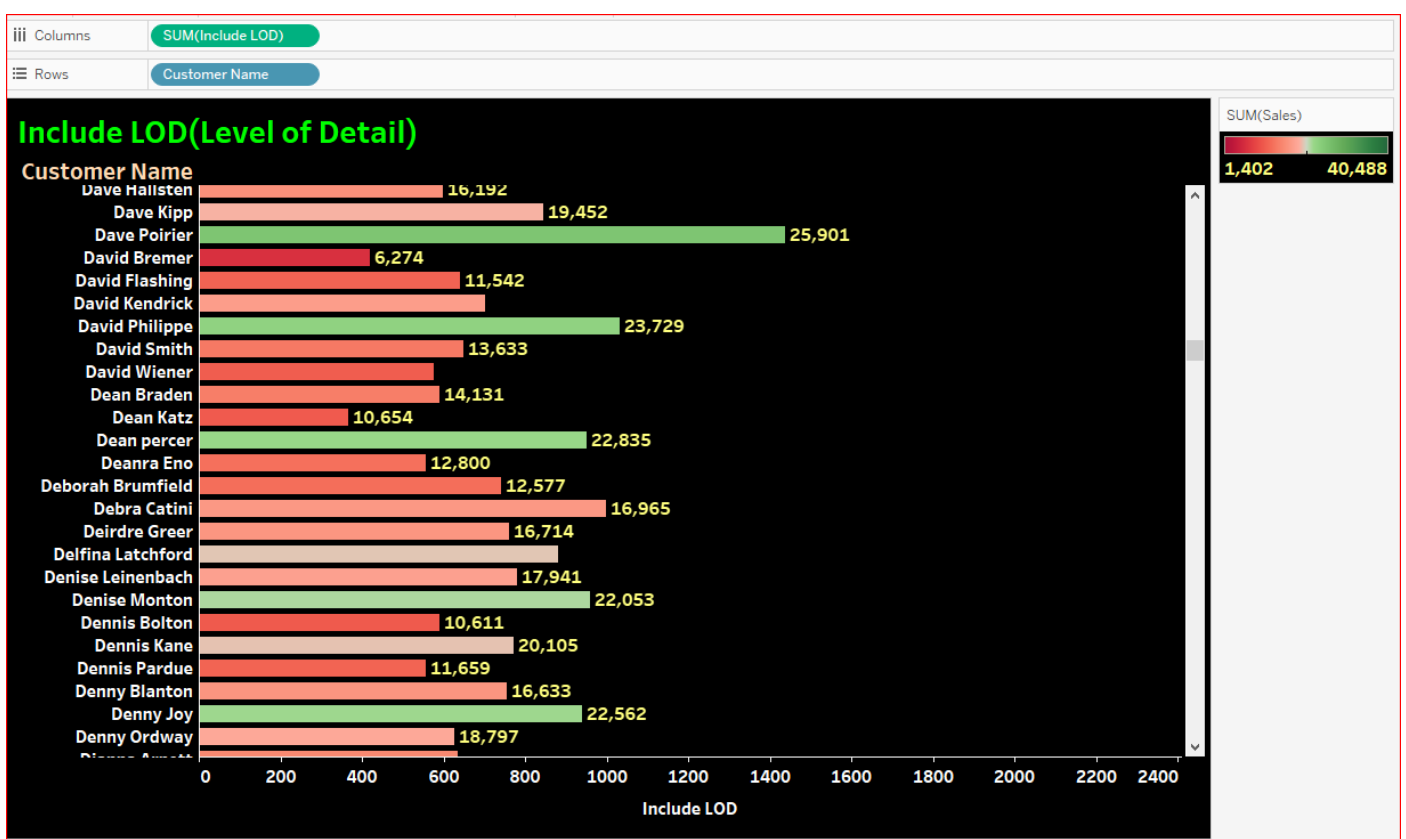
```
{ INCLUDE [Customer Name]:SUM([Sales])/COUNTD([Customer ID]) }
```

The calculation is valid.

1 Dependency

Apply

OK



**4. The data set is divided into 100 equal sections using percentiles. Percentiles calculate starting position. They are employed to assess a person's position within the population. In other words, they reveal a person's rank standing. Prepare dummy data for students enrolled in iNeuron's Data Science Course with columns (Roll Num, Marks) with the number of rows of your choice. Create a view showing the percentile for data science students enrolled in iNeuron's Data Science Course based on their scores.**

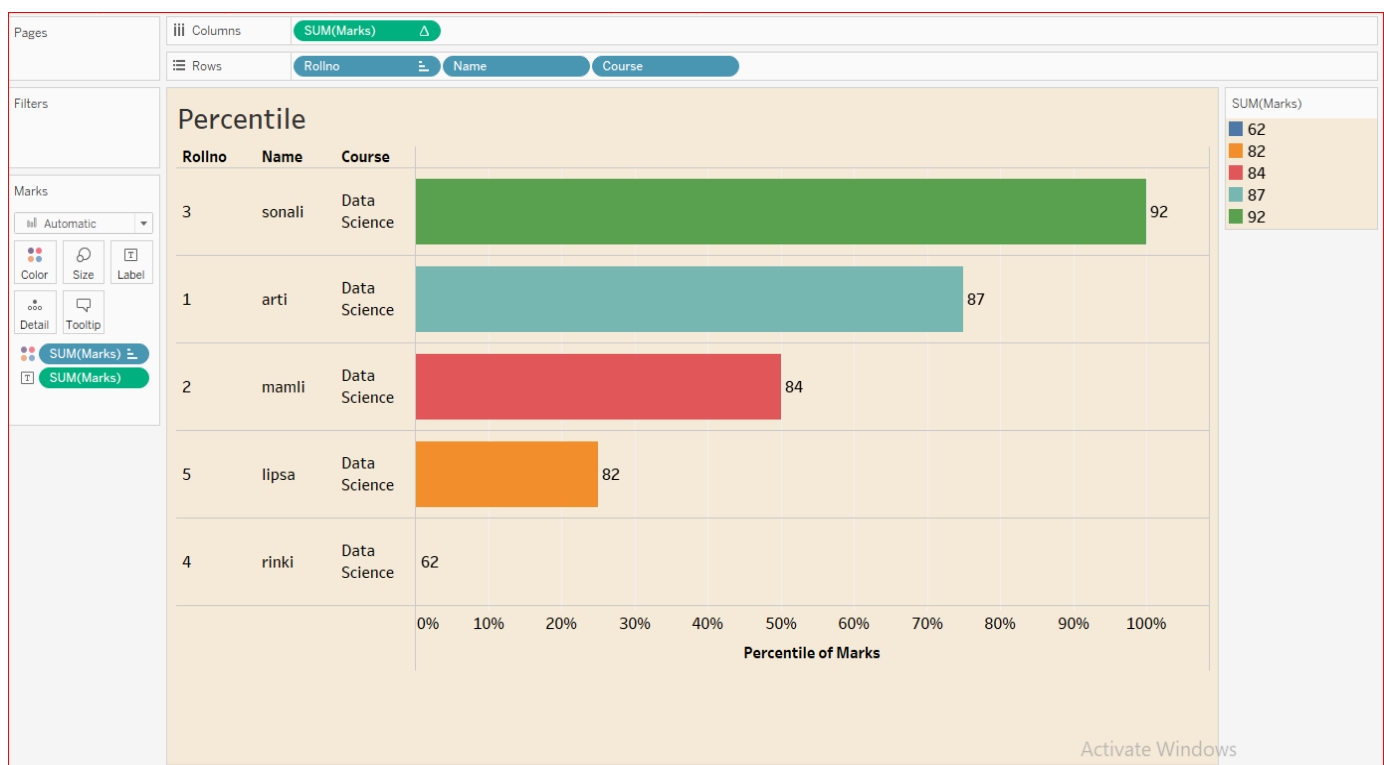
Percentile (iNeuron Stdnts)

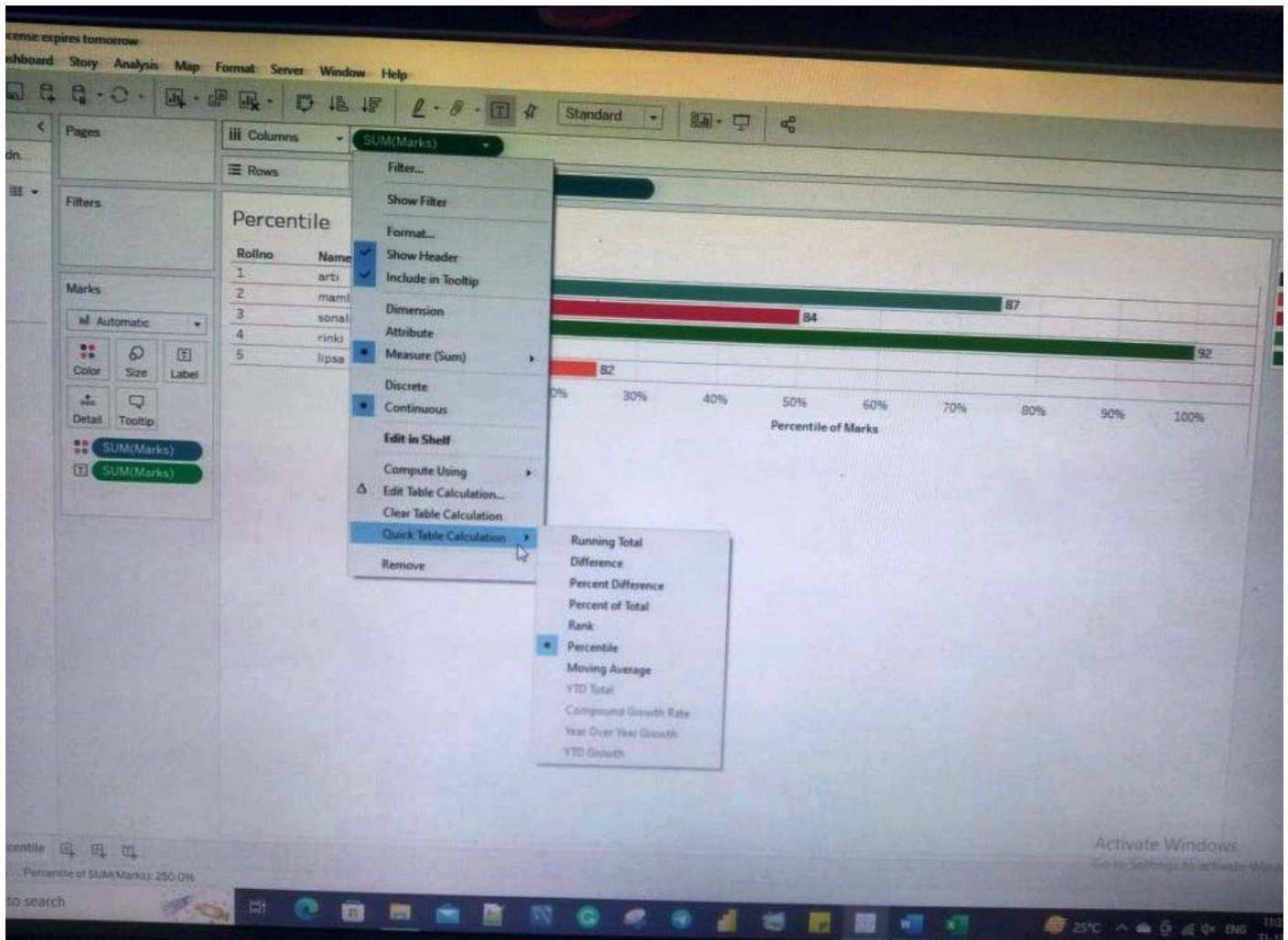
Sheet1

Sheet1 4 fields 5 rows

#	Rollno	Course	Marks	Name
1		Data Science	87	arti
2		Data Science	84	mamli
3		Data Science	92	sonali
4		Data Science	62	rinki
5		Data Science	82	lipsa

Type	Field Name	Physical Table	Remote Field Name
#	Rollno	Sheet1	Rollno
Abc	Course	Sheet1	Course
#	Marks	Sheet1	Marks
Abc	Name	Sheet1	Name





**5. The company's financial performance this year in comparison to last year is referred to as YOY. The YOY performance is used to determine if the company's performance is deteriorating or improving. Using the Global Superstore Orders 2016 data, create a visualization of the company's year-over-year growth for a period of 4 years.**



