

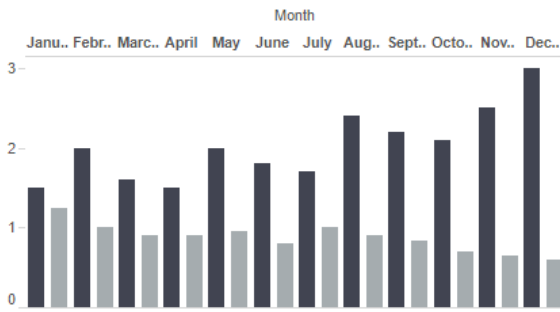


**6. Which of the following is not a Trend Line model**

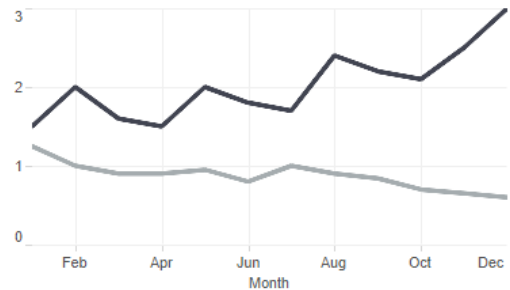
- A. Linear Trend Line
- B. Exponential Trend Line
- C. Binomial Trend Line
- D. Logarithmic Trend Line

7.

Q. Which graph makes you focus on trend rather than individual values?



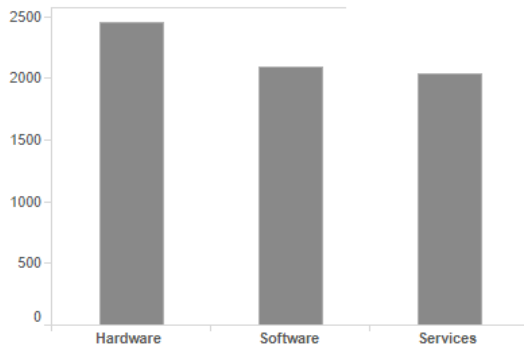
Option A



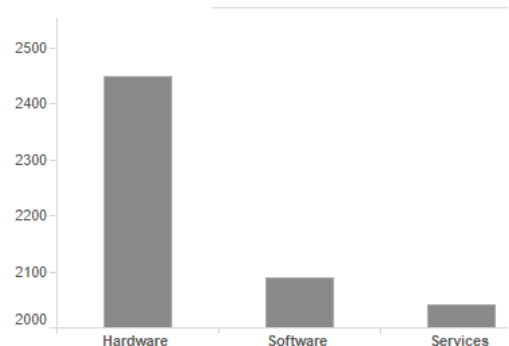
Option B

8.

Q. Which graph accurately encodes the value and doesn't skew the values in a misleading w..



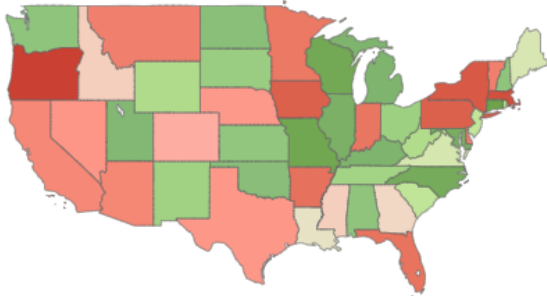
Option A



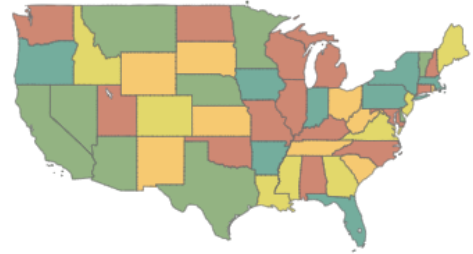
Option B

9.

Q. Which graph makes it easier to identify the states with positive values?



Option A



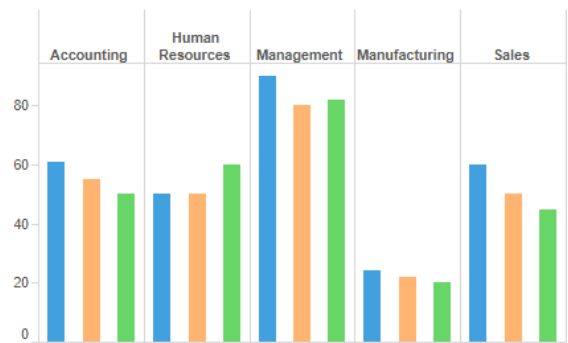
Option B

10.

Q. Which graph is easier to look at?



Option A

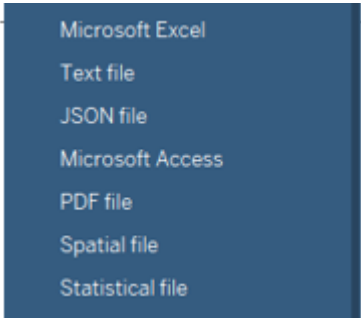


Option B

**SECTION B**

**1. Each question will carry 5 marks**

**2. Instruction: Write short/brief notes (Scan and upload)**

Q1.	<p><b>Write the logic of given below Tableau function:</b></p> <p>a) RIGHT([Customer Name], LEN([Customer Name]) - FIND([Customer Name], " "))</p> <p>b) IF [Total Expenses] &lt;= 49.99 THEN 'Cheap' ELSEIF [Total Expenses] &gt;= 50 and [Total Expenses] &lt; 100 THEN 'Somewhat Expensive' ELSEIF [Total Expenses] &gt;= 100 and [Total Expenses] &lt; 150 THEN 'Slightly Expensive' ELSE 'Very Expensive' END</p>	<b>CO2</b>
Q2.	<p><b>Describe the following functions of Tableau with an example:</b></p> <p>a) IF b) CASE</p>	<b>CO2</b>
Q3.	<p>Describe the different types of data format mention below which can be connected to Tableau:</p> 	<b>CO2</b>
Q4.	<p><b>Describe the following filter screen of Tableau:</b></p>	<b>CO2</b>

Filter [Sub-Category] X

General Wildcard Condition Top

None

By field:

Profit Sum

< 0

Range of Values

Min: Load

Max:

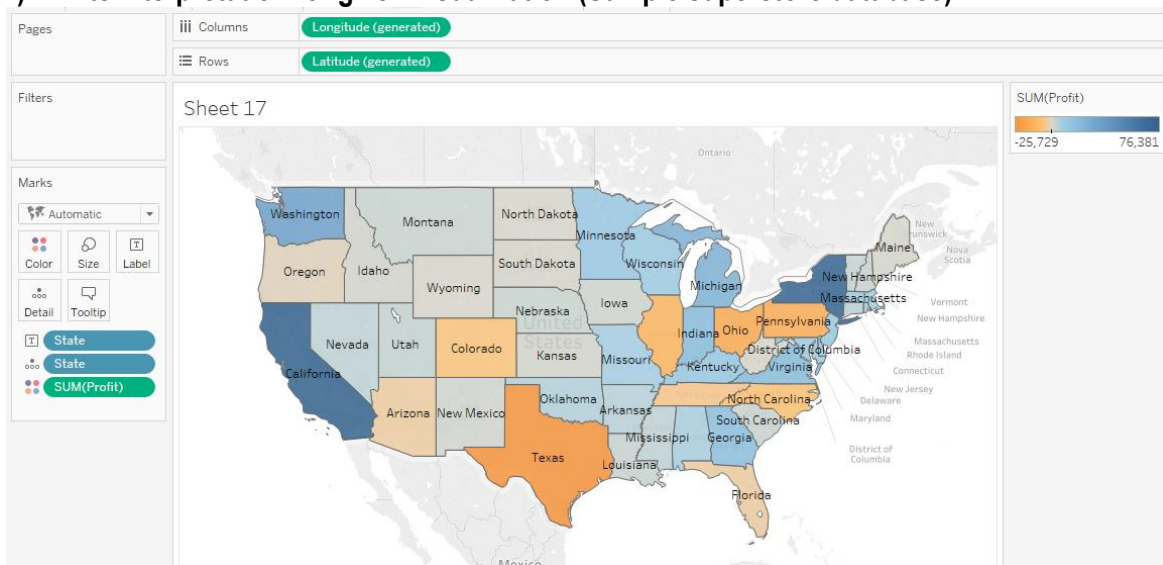
By formula:

Reset OK Cancel Apply

### Section C

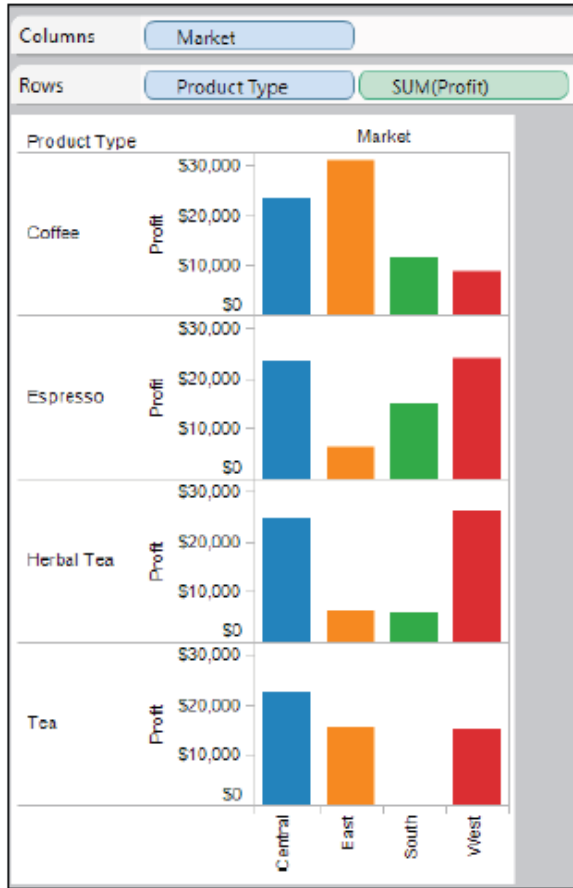
1. Each Question carries 10 Marks.
2. Instruction: Write a long answer. (Scan and upload)

Q1. A) Write interpretation for given visualization (Sample superstore database):



B) Write interpretation for given visualization (Coffee Chain database):

CO2



Q2. Describe the various components of the Data source page as shown below:

CO2

Left pane Canvas

Sample - Superstore

Connected to Excel

Workbook

Sample - Superstore.xlsx

Sheets

Enter sheet name

Orders

People

Returns

Orders

People

Sort fields: Data source order

Show aliases Show hidden fields Rows: 1,999

Field Name	Table	Remote Field Name
Order ID	Orders	Order ID
Order Date	Orders	Order Date
Ship Date	Orders	Ship Date
Ship Mode	Orders	Ship Mode
Customer Name	Orders	Customer Name
Segment	Orders	Segment
Country	Orders	Country
City	Orders	City
State	Orders	State
Postal Code	Orders	Postal Code
Region	Orders	Region

Top of the canvas

Grid

Metadata grid

Data Source page

Q3. A) Describe the various types of marks used for the analysis as shown below:

Marks

Automatic

Color

Size

Label

Detail

Tooltip

Shape

Region

Customer Name

B) Write interpretation for the below regression equation (Coffee Chain database):

$$\text{Profit} = 0.628675 * \text{Total Expenses} + 27.1093$$

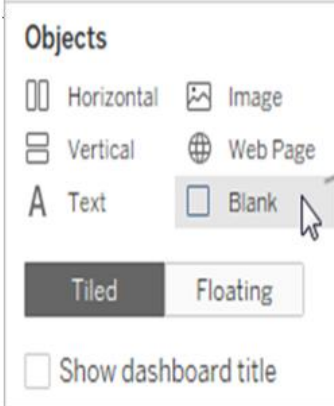
CO2

## Section D

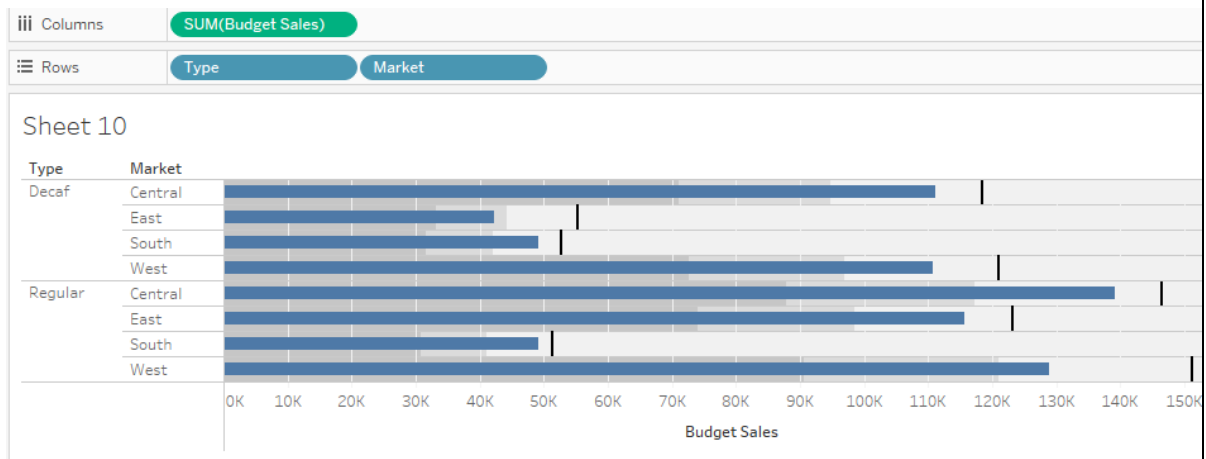
1. Each Question carries 15 Marks.

2. Instruction: Write a long answer. (Scan and upload)

Q1. A) Describe the different objects of the dashboard as shown below diagram:

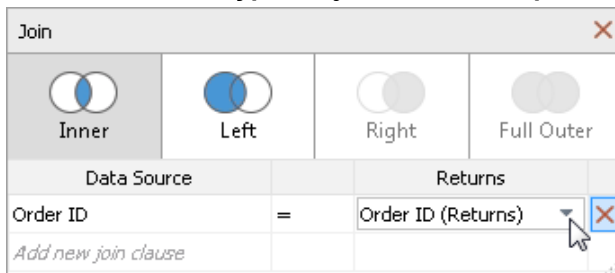


B) The below visualization compare the budgeted sales with the actual sales of different Types and Market. Kindly write the visualization for that visualization:



CO3

Q2. Describe the different types of join with the help of two Tables given below:



CO3



<b>ID</b>	<b>First Name</b>	<b>Last Name</b>	<b>Publisher Type</b>
20034	Adam	Davis	Independent
20165	Ashley	Garcia	Big
20233	Susan	Nguyen	Small/medium

<b>Book Title</b>	<b>Price</b>	<b>Royalty</b>	<b>ID</b>
Weather in the Alps	19.99	5,000	20165
My Physics	8.99	3,500	20800
The Magic Shoe Lace	15.99	7,000	20034