

# Tableau Desktop Specialist Exam

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### Question 1

Which of the following are the options to export the data used to build the view / visualisations?

#### Options:

- A. CSV file
- B. PDF File
- C. JSON format
- D. MS Access Database

**Answer: D**

#### Explanation:

You can export the data in a Tableau data source, including all or part of the records from your original data.

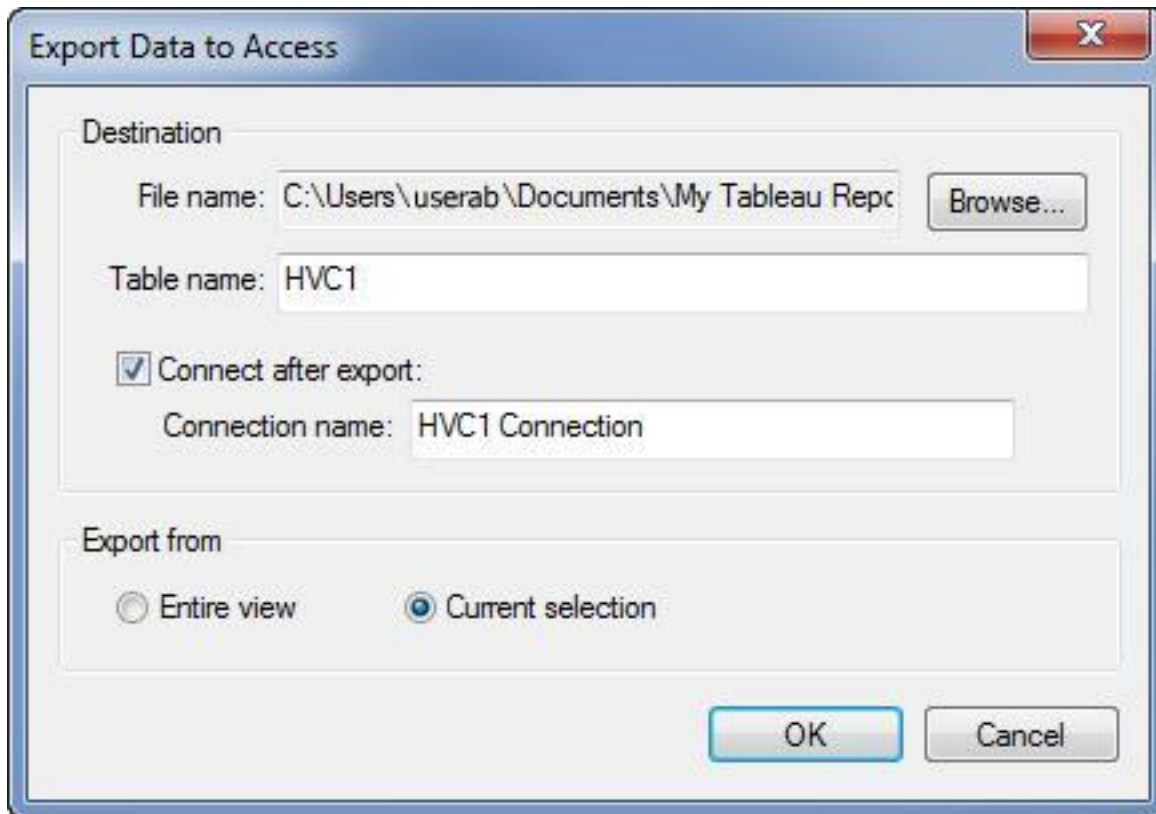
Alternatively, you can export only the portion of data used to generate the view.

Since the question mentions the data used to build the view, we'll focus on that :

*\*Export data in the view to Microsoft Access or .csv\**

Export the data that is used to generate the view as an Access database (Windows only) or .csv file (Mac only).

- 1) In Tableau Desktop, select Worksheet > Export > Data.
- 2) Select a location and type a name for your Access database or .csv file.
- 3) Click Save.
- 4) If you're on Windows, the Export Data to Access dialog box displays to give you the option to immediately use the new Access database and continue working in Access without interrupting your work flow.



### Question 2

True or False: Trend lines can only be used with numeric or date fields

**Options:**

- A. True
- B. False

**Answer: B**

**Explanation:**

You can show trend lines in a visualization to highlight trends in your data.

To add trend lines to a view, both axes must contain a field that can be interpreted as a number. For example, you cannot add a trend line to a view that has the Product Category dimension, which contains strings, on the Columns shelf and the Profit measure on the Rows shelf.

However, you can add a trend line to a view of sales over time because both sales and time can be interpreted as numeric values.

### Question 3

For a relative date filter, the default anchor is \_\_\_\_\_

**Options:**

- A. The current time

- B. Today's date
- C. The target date
- D. The date we specify

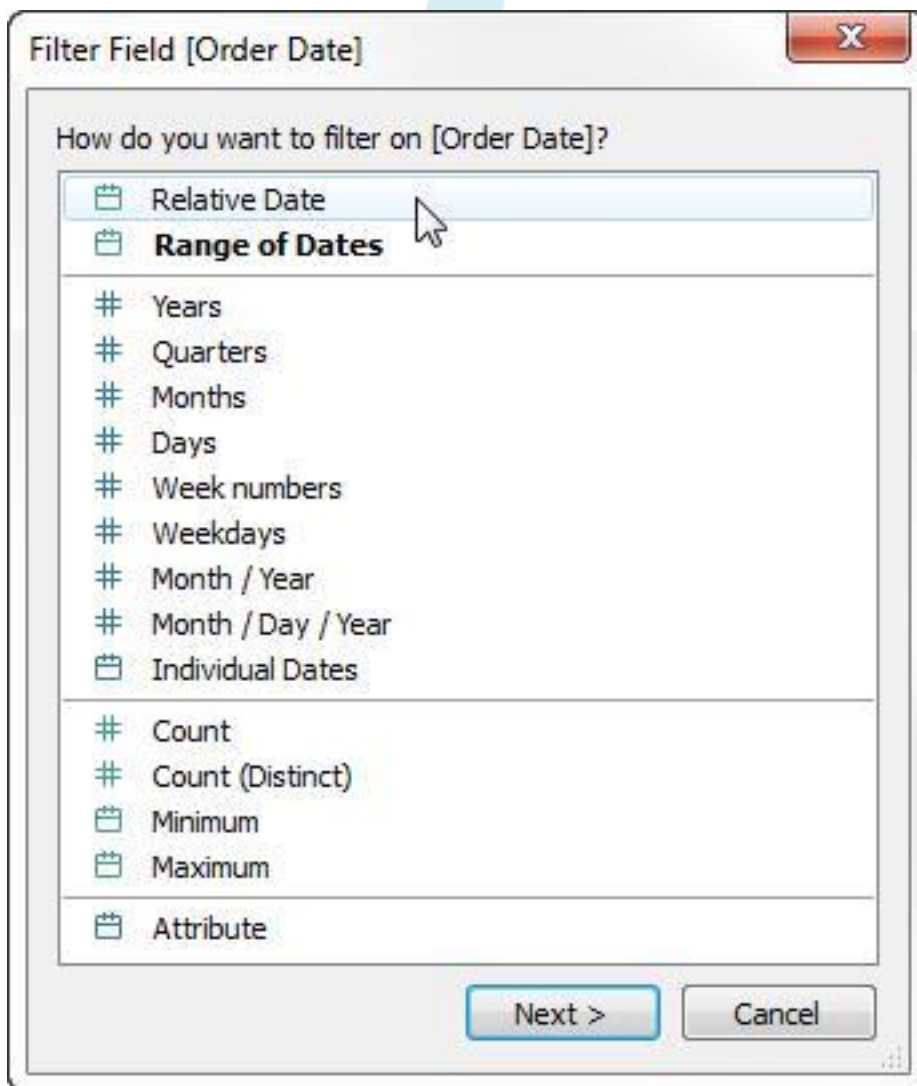
**Answer: C**

**Explanation:**

Relative date filters dynamically update to show a time period relative to when you open the view, such as the current week, the year to date, or the past 10 days. Relative date filters make it easy to create views that always show the most recent data.

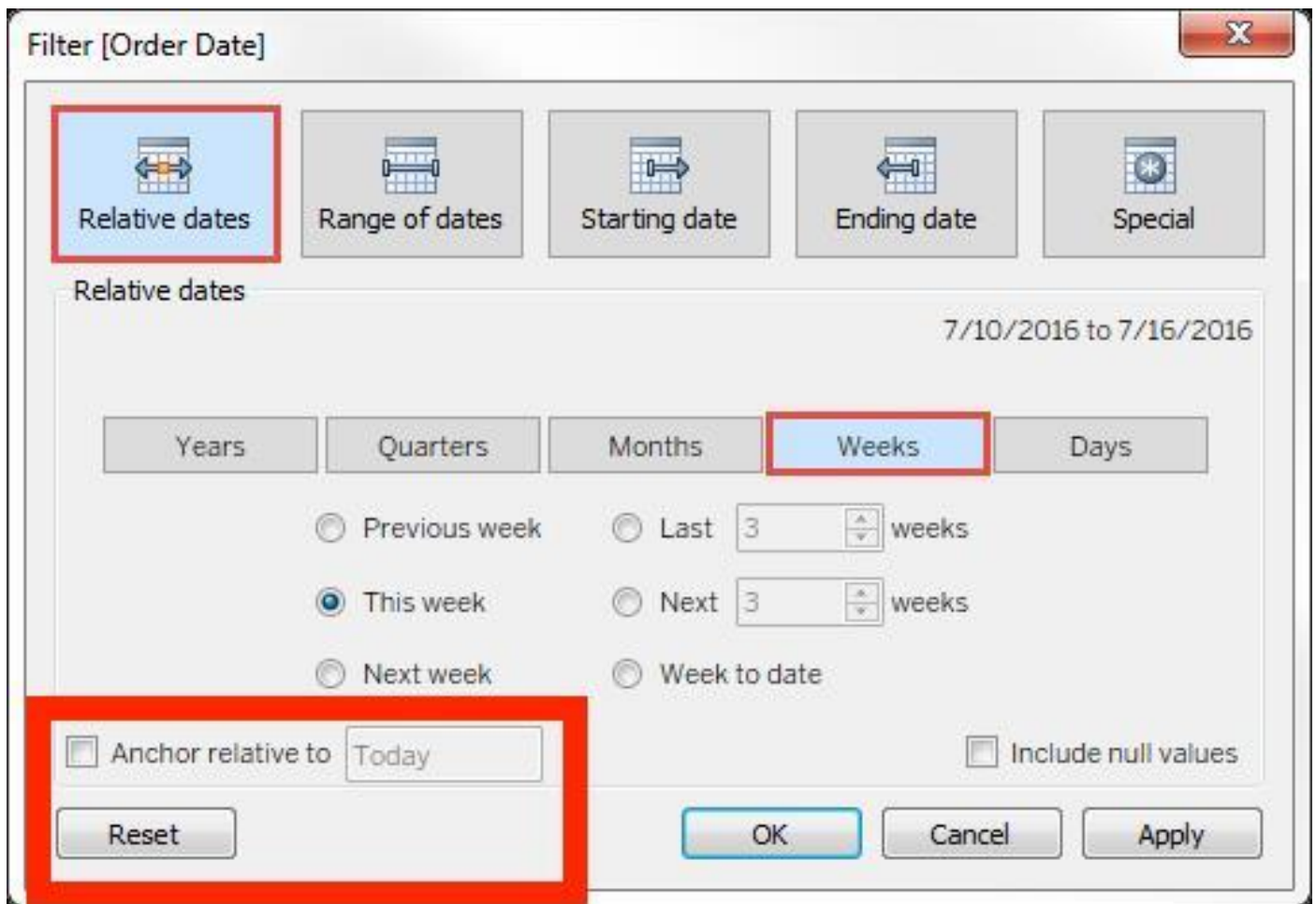
Step 1: Drag a date field to the filter shelf

Right-click (control-click on Mac) and drag a date field from the Data window to the Filters shelf. In the Filter Field dialog box, click Relative Date, and then click Next.



Step 2: Select a time unit

In the Filter dialog box, click Relative dates, and then select the unit of time for the filter. For example, to show only the three most recent weeks, select Weeks.



Here, you can clearly see that the default date is TODAY

#### Question 4

Which of the following is a good reason for using a bullet graph?

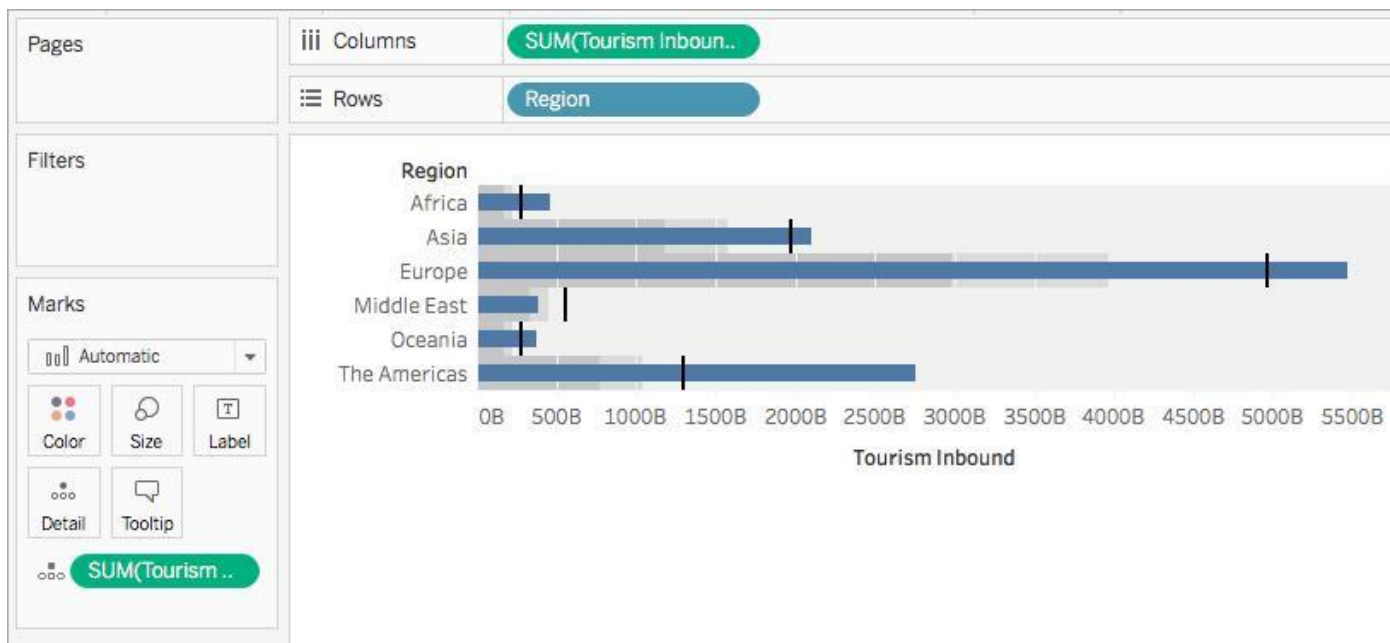
##### Options:

- A. Comparing the actual sales against the target sales
- B. Analysing the trend over a given time period
- C. Forecasting future sales
- D. Displaying the year-on-year growth in sales

**Answer: A**

##### Explanation:

A bullet graph is a variation of a bar graph developed to replace dashboard gauges and meters. A bullet graph is useful for comparing the performance of a primary measure to one or more other measures. Below is a single bullet graph showing how actual sales compared to estimated sales.



### Question 5

When you want to first apply a filter and THEN show the Top N or Bottom N elements, which of the following filters would you use?

#### Options:

- A. Data source Filter
- B. Extract Filter
- C. Context Filter
- D. None of the these

**Answer: C**

#### Explanation:

IMPORTANT QUESTION, PAY ATTENTION

By default, all filters that you set in Tableau are computed independently. That is, each filter accesses all rows in your data source without regard to other filters. However, you can set one or more categorical filters as context filters for the view. You can think of a context filter as being an independent filter. Any other filters that you set are defined as dependent filters because they process only the data that passes through the context filter.

You may create a context filter to:

- 1) Improve performance - If you set a lot of filters or have a large data source, the queries can be slow. You can set one or more context filters to improve performance.
- 2) Create a dependent numerical or top N filter - You can set a context filter to include only the data of interest, and then set a numerical or a top N filter.

### Question 6

Create a Set containing Customer Names whose Sales are GREATER than 30,000. Which customer had the LEAST sales in this set?

**Options:**

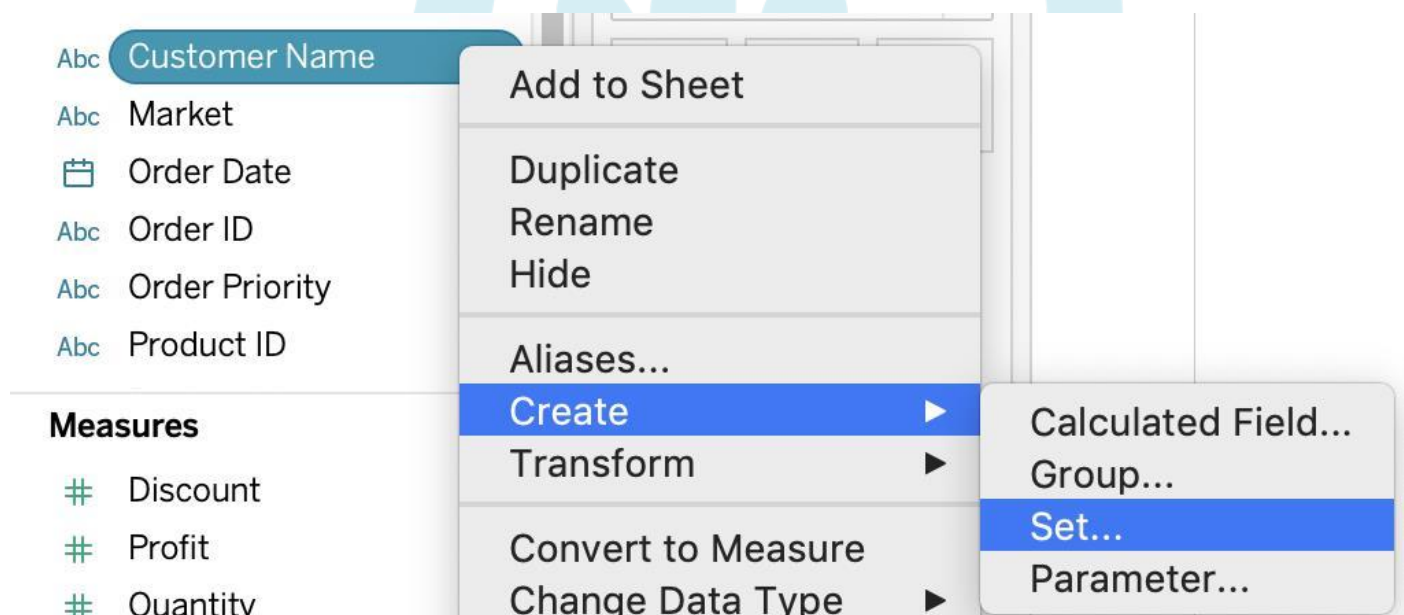
- A. Tom Ashbrook
- B. Sanjit Engle
- C. Penelope Sewall
- D. Tamara Chand

**Answer: C**

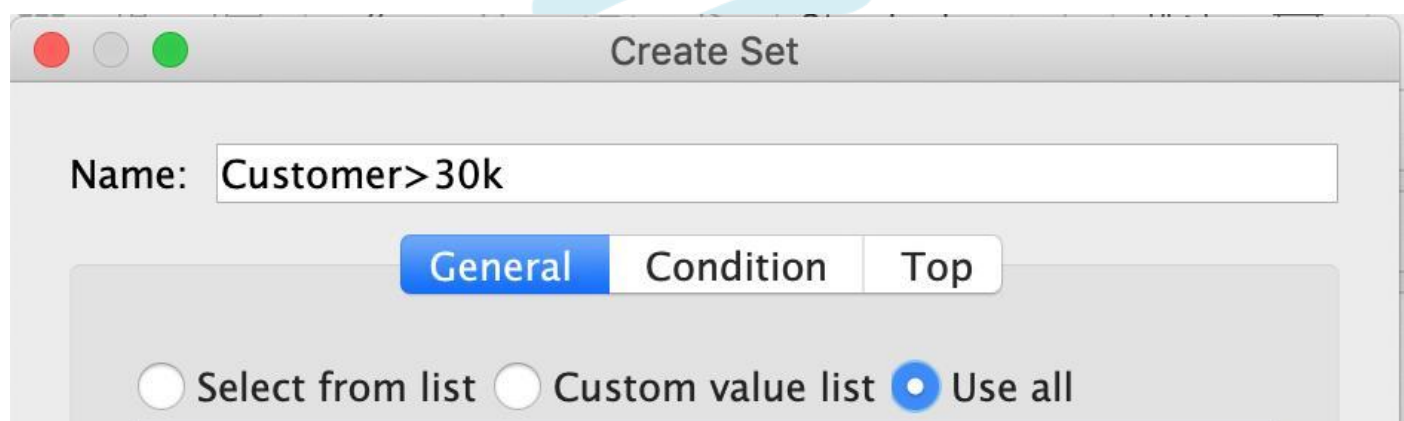
**Explanation:**

As the question mentions, we need to create a SET with the following conditions -> Choose only those customers whose Sales > 30,000

1) Right click on customer name --> Create --> Set

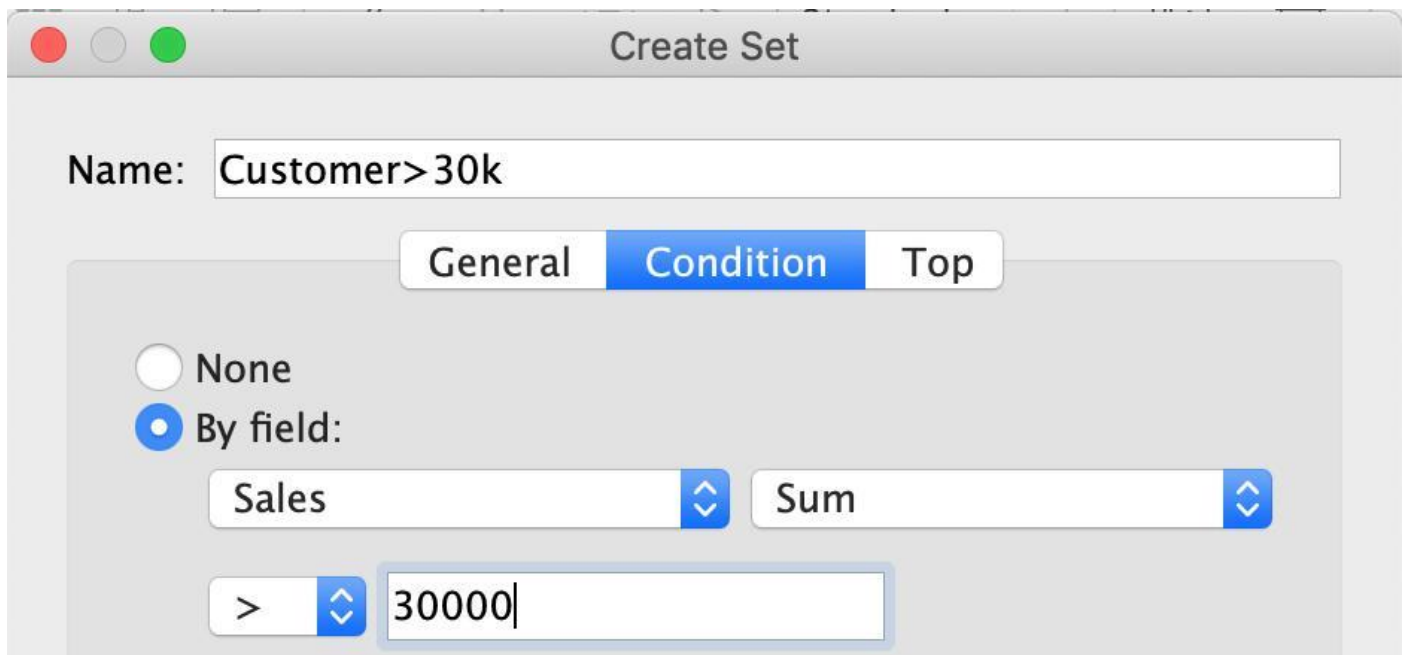


2) Let's Name the Set - Customer>30k ( you can name it anything you want :) ) Select USE ALL, and then move to the CONDITION TAB:





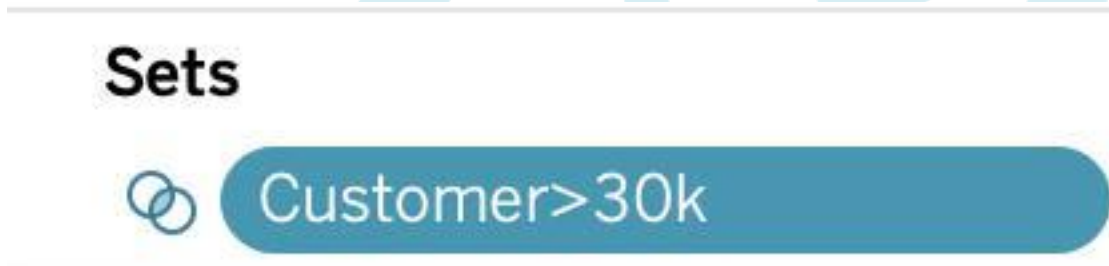
3) In the Condition Tab, Choose BY FIELD -> Select Sales -> Sum -> Greater than 30000 , and click OK



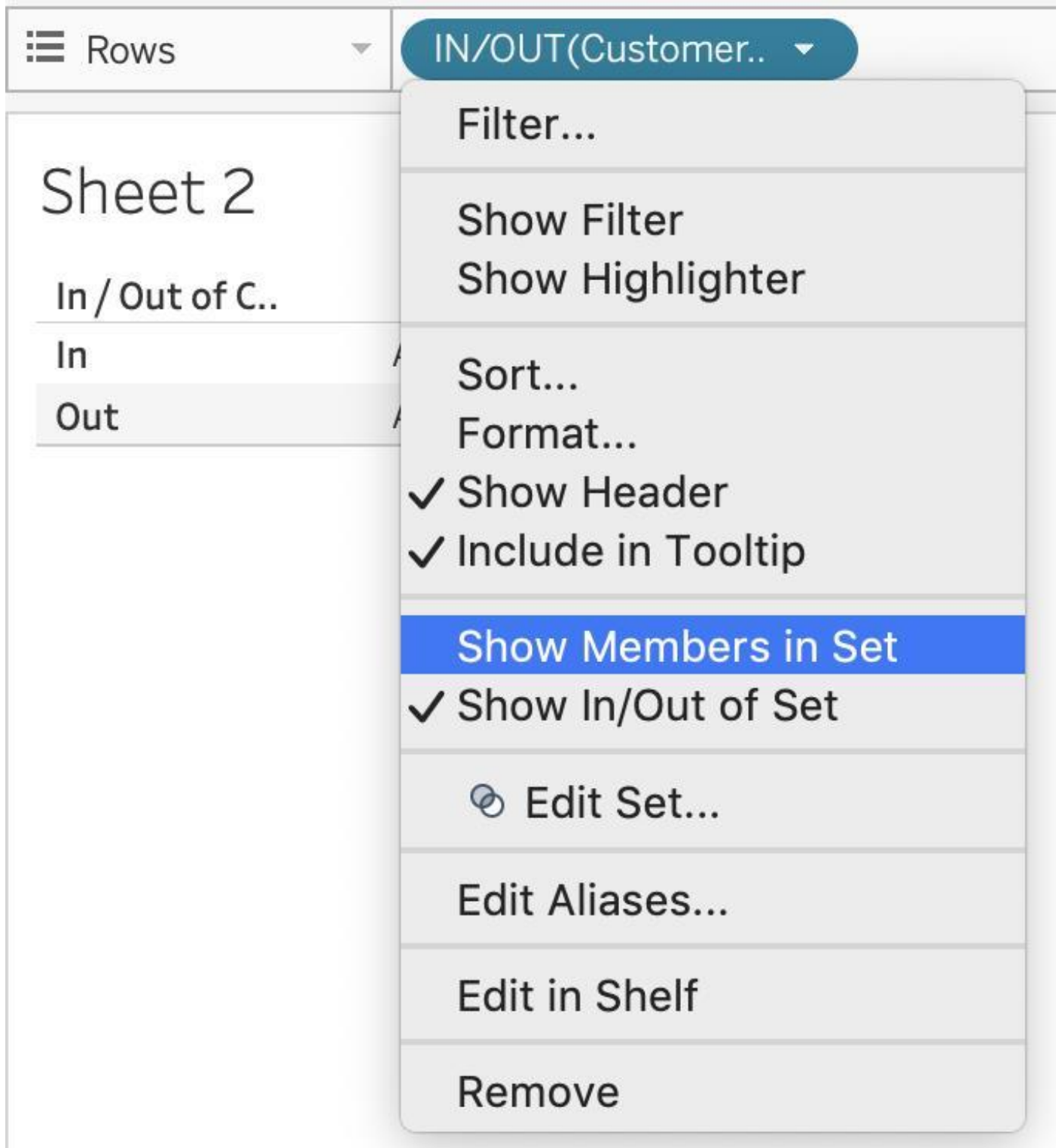
The screenshot shows the 'Create Set' dialog box with the following details:

- Name:** Customer>30k
- Tabs:** General, **Condition**, Top
- Condition Type:** ☒ By field: (None is unselected)
- Field:** Sales
- Aggregation:** Sum
- Operator:** >
- Value:** 30000

4) You should now have a new Set in the Data Pane as follows:

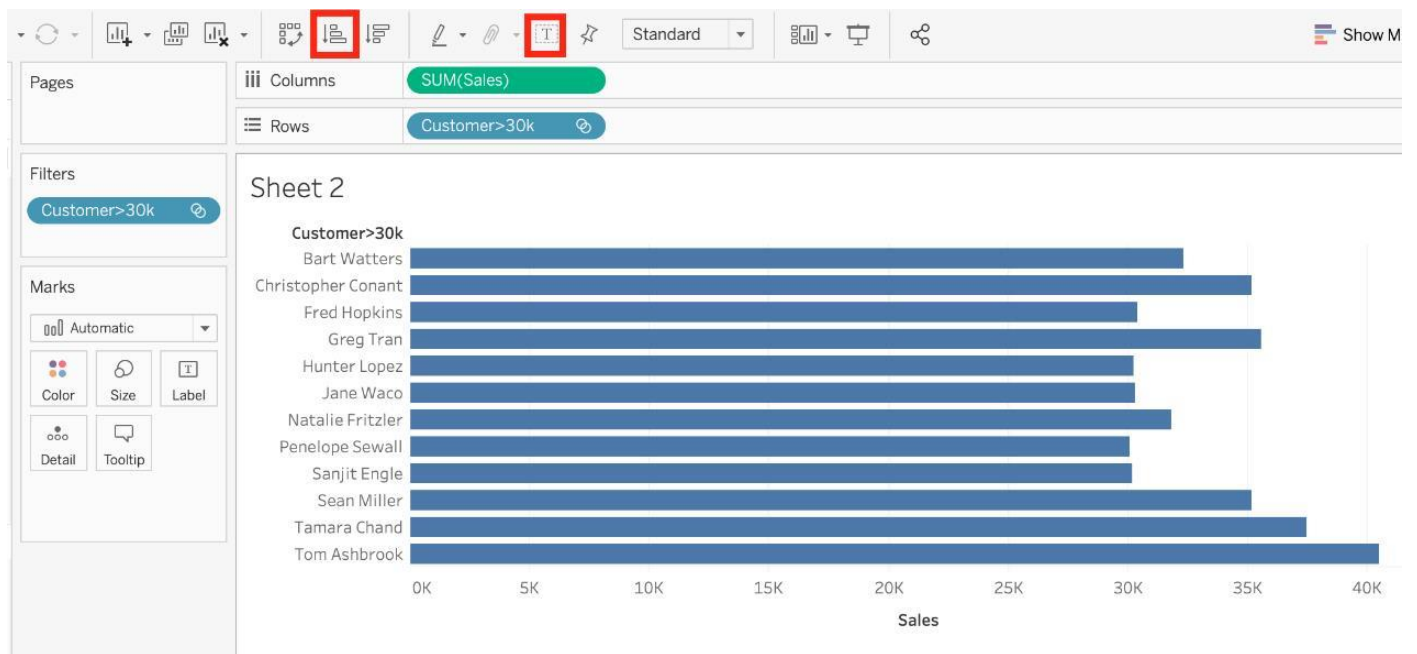


5) Drag this set to the rows shelf, and click on SHOW MEMBERS IN SET. Now drag Sales to the Column Shelf.



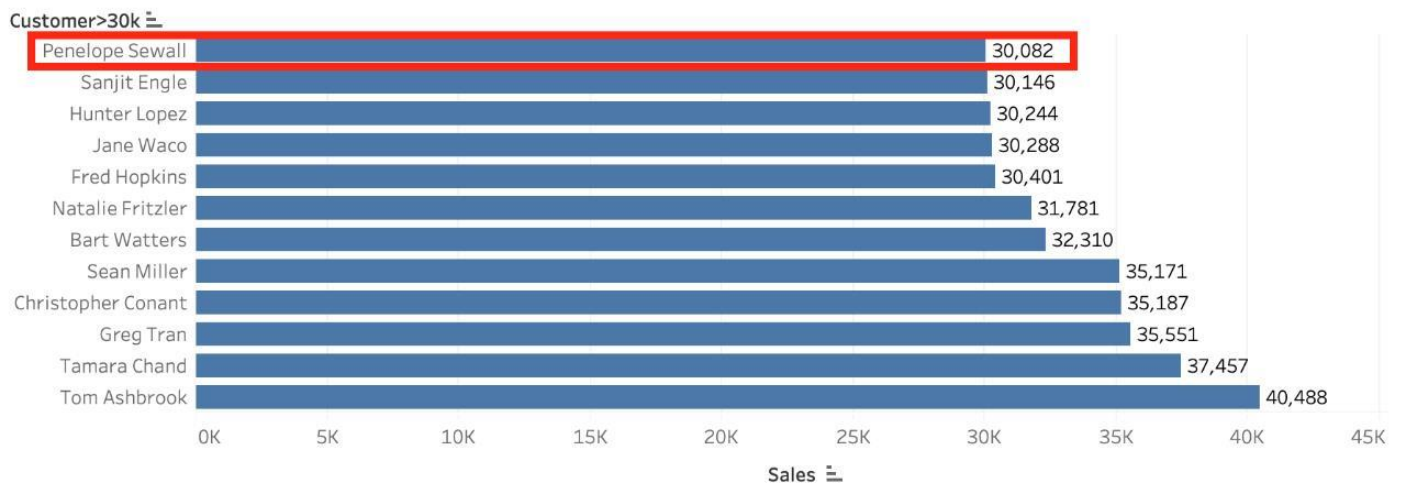
6) Click on the Show Mark Labels, and Sort ascending icons as shown:





7) Voila! We have our answer:

c



## Question 7

When using Animations in a Tableau, which of the following is the default duration for animations?

**Options:**

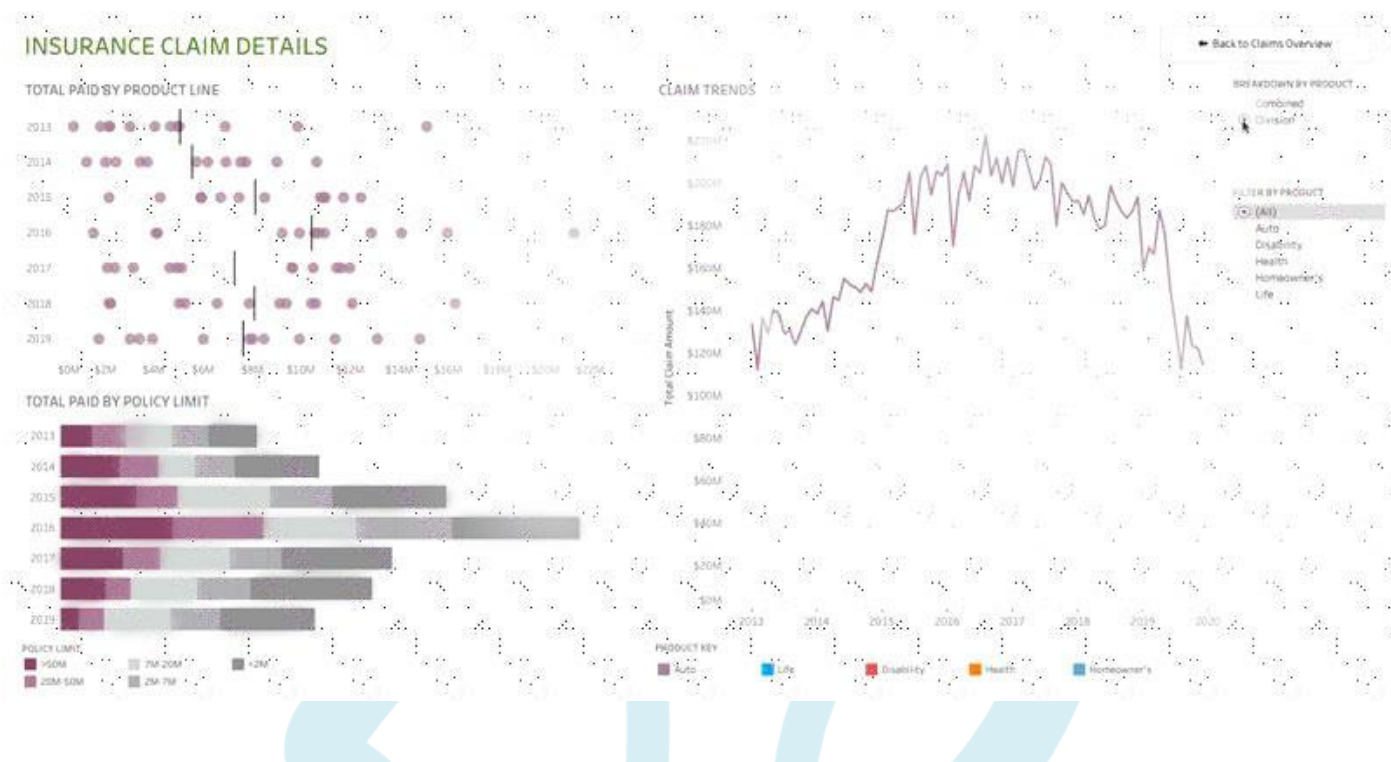
- A. 0.4s
- B. 0.3s
- C. 0.5s
- D. 0.2s

**Answer: B**

**Explanation:**

The LATEST Tableau Desktop Sepcialist exam blueprint now requires you to know some basics about animations as well!

NOTE: Animations are DISABLED by default and must be manually enabled.



## Animate visualizations in a workbook

1. Choose **Format > Animations**.
2. If you want to animate every sheet, under **Workbook Default**, click **On**. Then do the following:
  - For **Duration**, choose a preset, or specify a custom duration of up to 10 seconds.
  - For **Style**, choose **Simultaneous** to play all animations at once or **Sequential** to fade out marks, move and sort them, and then fade them in.
3. To override workbook defaults for a particular sheet, change the settings under **Selected Sheet**.

You can also reset all settings to default by clicking on 'Reset All'

Animations

×

Workbook Default

On

Off

Duration

0.30 seconds (Fast)

▼

Style

Simultaneous

▼

Selected Sheet

Sheet 1

Animation

On (Default)

▼

Duration

0.3 seconds (Defa...

▼

Style

Simultaneous (Def...

▼

Reset All

## Question 8

To connect Tableau to a CSV data source what type of connection should you use?

**Options:**

- A. Spatial
- B. Excel
- C. Text
- D. JSON

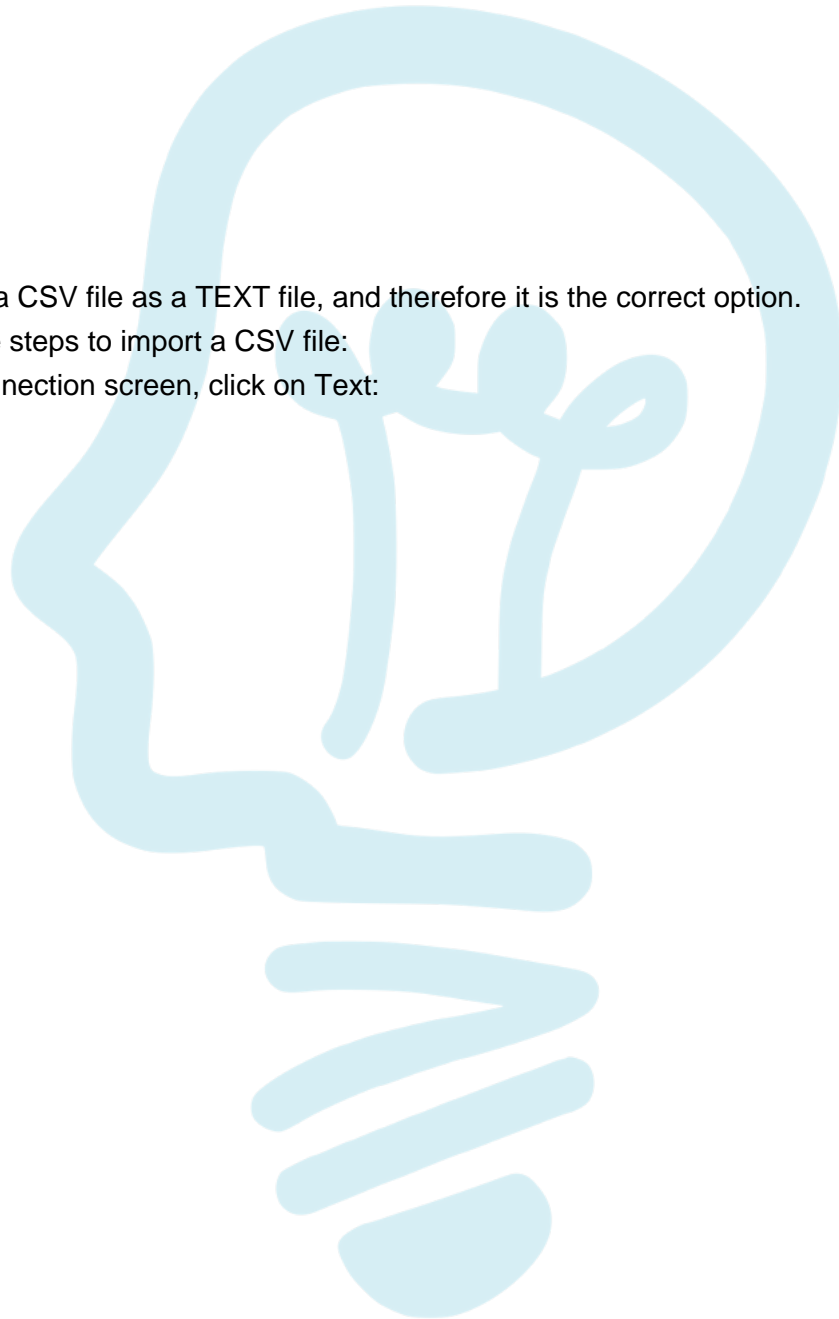
**Answer: C**

**Explanation:**

Tableau recognises a CSV file as a TEXT file, and therefore it is the correct option.

The following are the steps to import a CSV file:

- 1) From the data connection screen, click on Text:





# Connect

Search for Data

Tableau Server

To a File

Microsoft Excel

Text file

JSON file

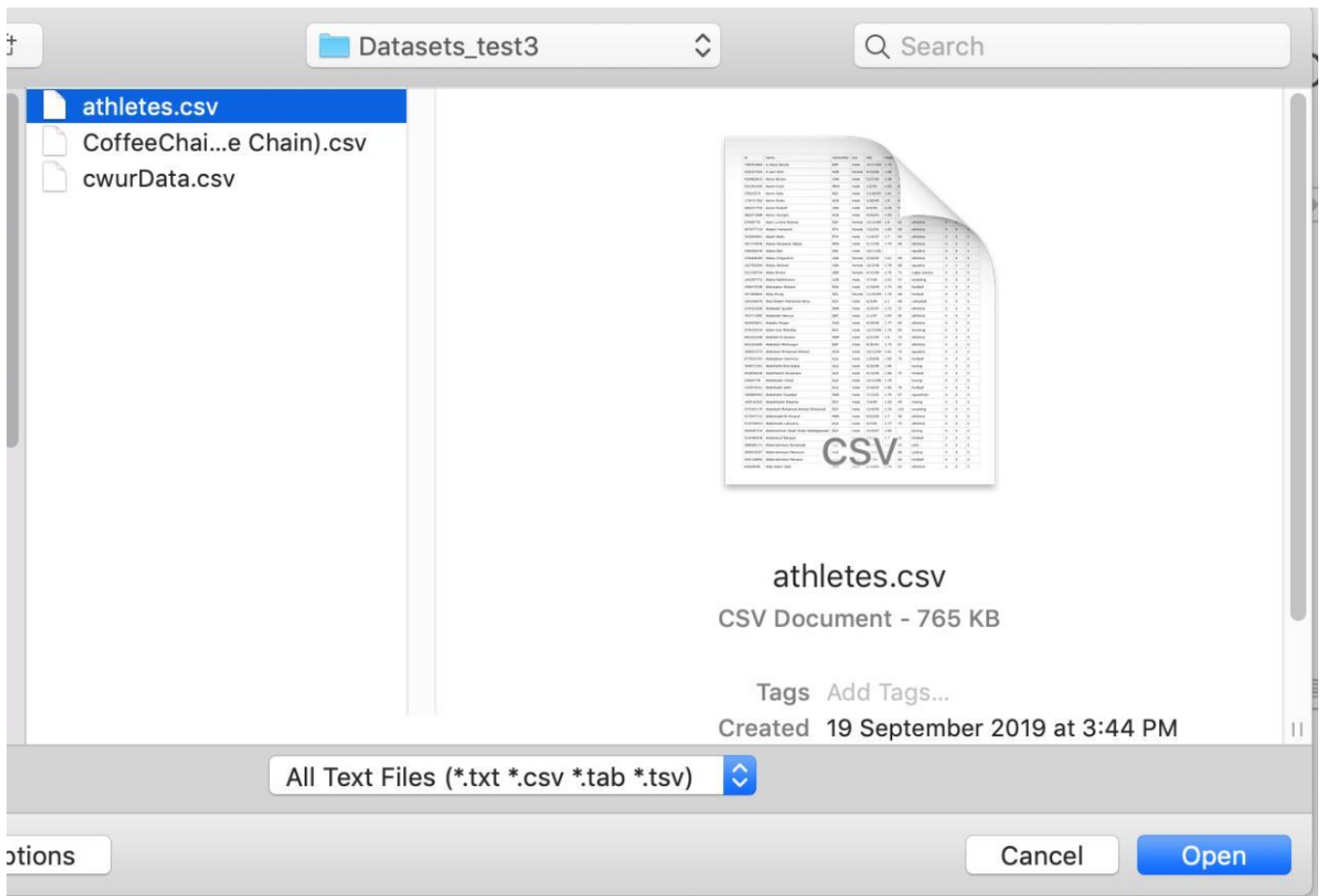
PDF file

Spatial file

Statistical file

More...

2) Choose the appropriate file, and click Open:



3) Finally, Tableau imports the data as shown below:

# athletes.csv id	Abc athletes.csv name	Abc athletes.csv nationality	Abc athletes.csv sex	Abc athletes.csv dob	# athletes.csv height	# athletes.csv weight	Abc athletes.csv sport	# athletes.csv gold	# athletes.csv silver	# athletes.csv bronze
736041664	A Jesus Garcia	ESP	male	17/10/1969	1.720000	64	athletics	0	0	
532037425	A Lam Shin	KOR	female	23/09/1986	1.680000	56	fencing	0	0	
435962603	Aaron Brown	CAN	male	27/05/1992	1.980000	79	athletics	0	0	
521041435	Aaron Cook	MDA	male	02/01/1991	1.830000	80	taekwondo	0	0	
33922579	Aaron Gate	NZL	male	26/11/1990	1.810000	71	cycling	0	0	
173071782	Aaron Royle	AUS	male	26/01/1990	1.800000	67	triathlon	0	0	
266237702	Aaron Russell	USA	male	04/06/1993	2.050000	98	volleyball	0	0	
382571888	Aaron Younger	AUS	male	25/09/1991	1.930000	100	aquatics	0	0	



## Question 9

In Tree maps, the size begins with the largest rectangle on the \_\_\_\_\_ and the smallest rectangle on the \_\_\_\_\_.

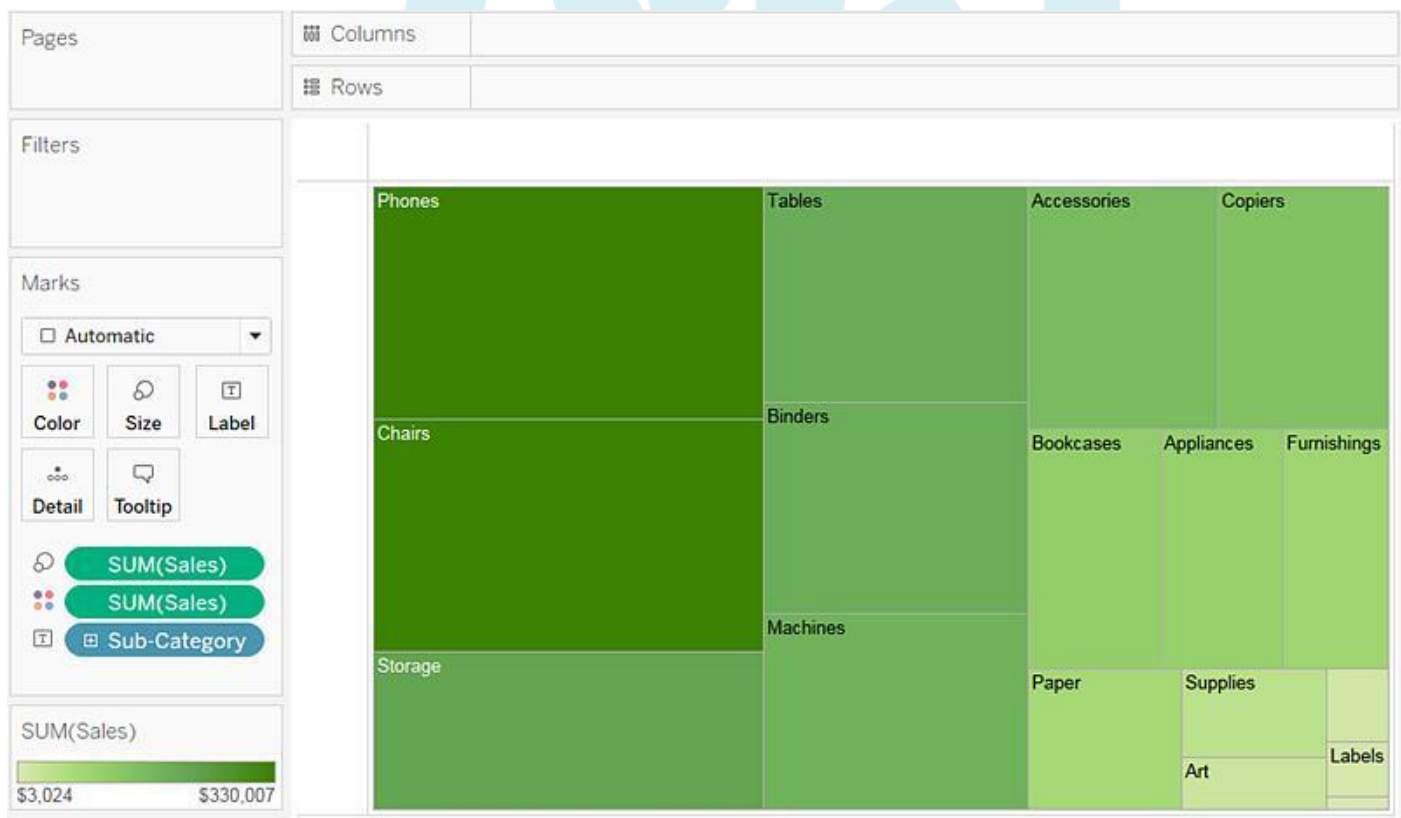
### Options:

- A. top left bottom left
- B. top right, bottom right
- C. top left, bottom right
- D. top right, bottom left

**Answer: D**

### Explanation:

Tree maps size begins from maximum in top left to smallest in bottom right.



See below to learn how to create a TreeMap and add colours to it:

## Question 10

Which of these is NOT a type of Quick Filter available in Tableau?

### Options:

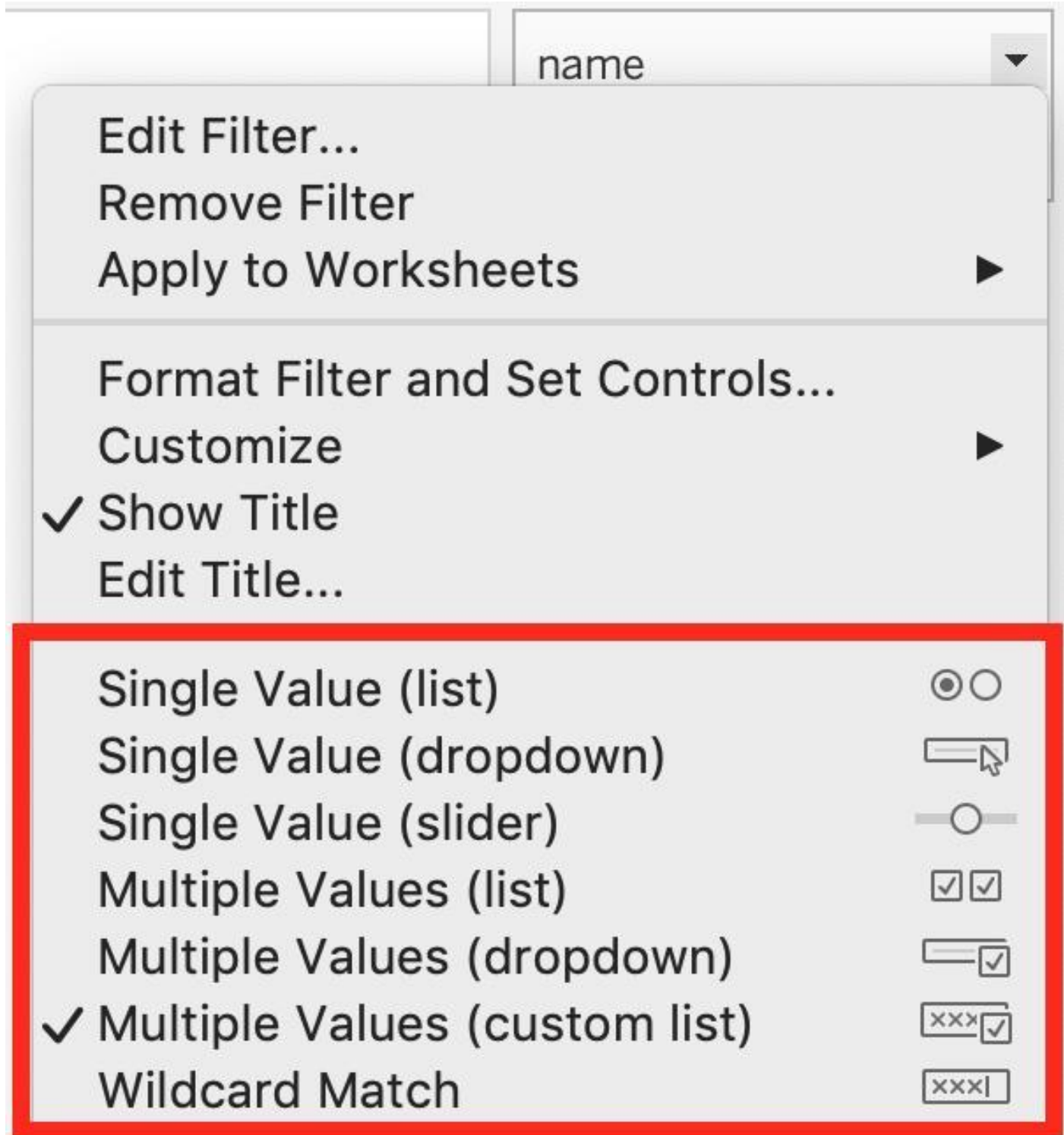
- A. Wildcard Match
- B. Multiple Values (dropdown)
- C. Regex Match
- D. Single Value (slider)

**Answer: C**

**Explanation:**

Upon clicking on a filter, we see the following options:





Clearly, Regex Match is not one of these options!

**Would you like to see more? Don't miss our Desktop-Specialist PDF file at:**

<https://www.certification-questions.com/tableau-pdf/desktop-specialist-pdf.html>