

Module 2: Visual Analytics with Tableau - Dates

1.

Question 1

Which of the following are examples of discrete dates? (Select all that apply.)

1 / 1 point

☐

Days in the same month

☒

Months in different quarters

Correct

☒

Quarters in different years

Correct

2.

Question 2

Which of the following describes how Tableau handles a continuous date?

1 / 1 point

☒

A continuous date will be colored Green when dragged to the Row or Column Shelf

☐

A continuous date will be colored Blue when dragged to the Row or Column Shelf

☐

A continuous date will be colored Red when dragged to the Row or Column Shelf

Correct

3.

Question 3

Which of the following describes how Tableau handles a discrete date?

1 / 1 point



A discrete date will be colored Blue when dragged to the Row or Column Shelf



A discrete date will be colored Green when dragged to the Row or Column Shelf



A discrete date will be colored Red with dragged to the Row or Column Shelf

Correct

4.

Question 4

Under which circumstances might it be advisable to manually change the date field? (Select all that apply.)

1 / 1 point



When you have a discrete date and need to convert it to a continuous date

Correct



When you want to create a map



When you have a year date field and need to change it to months

Correct

5.

Question 5

How do you convert a discrete date to a continuous date?

1 / 1 point



Drag your date field to the Rows or Columns shelf and click on the + sign on the blue pill



When you drag your date field to the Rows or Columns shelf, Tableau will ask you if you want the date field to be discrete or continuous.



Drag your date field to the Rows or Columns shelf and right click on the blue pill and click on Continuous

Correct

6.

Question 6

What is the date hierarchy used for?

1 / 1 point



To drill down into your data and show each date level (i.e. Years, Quarters, Months)



To change your chart options



To convert dates from discrete to continuous

Correct

7.

Question 7

Under which of the following scenarios would you use the date hierarchy?

1 / 1 point



If your date field is showing Years and you need to show the difference between two dates



If your date is showing Years and you need to show both Years and Months



If your date field is showing Years and you need to change the chart type

Correct

8.

Question 8

What is the first step to go from a date year to a date month?

1 / 1 point



Right click on the Year date pill and select Month



Create a new date month variable from a pre-existing date year variable



You cannot change date variables

Correct

9.

Question 9

Which chart is best for discrete dates?

1 / 1 point



Pie chart



Bar chart



Line chart

Correct

10.

Question 10

Which chart is best for continuous dates?

1 / 1 point



Line chart



Map



Bubble chart

Correct

11.

Question 11

Which of the following shows the correct steps in the correct sequence to convert a continuous date to a discrete date in Tableau?

0 / 1 point



Right click on your green date pill and select discrete



When you drag your date field to the Rows or Columns shelf, Tableau will ask you if you want the date field to be discrete or continuous



Right click on your blue date pill and select discrete

Incorrect

12.

Question 12

What table calculation function would you use to determine the difference between two dates?

1 / 1 point



DATEDIFF



DATEADD



DATEPARSE

Correct

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