

## Tableau TDA-C01 Exam

**Certification Provider:** Tableau

**Exam Name:** Tableau Certified Data Analyst

**Number of questions in our database:** 64

**Exam Version:** Oct. 22, 2023

**TDA-C01 Exam Official Topics:**

**Topic 1:** Choose which data transformation to perform based on a business scenario/ Choose between live connection or extract

**Topic 2:** Summarize, model, and customize data by using the Analytics feature/ Prepare data by using Data Interpreter, pivot, and split

**Topic 3:** Publish and Manage Content on Tableau Server and Tableau Online/ Connect to a data source on Tableau Server

**Topic 4:** Remove gridlines, row-level and column-level bands, and shading/ Pull data from relational databases by using custom SQL queries

**Topic 5:** Apply responsive design for specific device layouts/ Configure filter settings including Top N, Bottom N, include, exclude, wildcard, and conditional

**Topic 6:** Replace the connected data source with another data source for an existing chart or sheet/ Choose when to convert between discrete and continuous

**Topic 7:** Apply filters to multiple sheets and data sources/ Combine sheets into a dashboard by using containers and layout options

**Topic 8:** Use multiple data sources (establish relationships, create joins, union tables, blend data)/ Choose an appropriate data source

**Topic 9:** Create parameters to enable interactivity/ Perform data transformation in Tableau Prep

**Topic 10:** Swap sheets by using parameters or sheet selector/ Schedule data extract refreshes/ Shape data by using aggregations

### Question #1

You have the following visualization.

State	Name	Student ID	State	Avg. Score	
NC	Lamar High School	4050	NC	64	Abc
		4205	NC	67	Abc
	Memorial High School	4056	NC	66	Abc
NY	Dewey High School	4220	NC	71	Abc
		869	NY	80	Abc
		4183	NY	39	Abc
	Evers High School	4247	NY	71	Abc
		4124	NY	75.5	Abc

You Create a table calculation named Rank\_Score that has a formula of RANK(AVG([Score])), and you drag Rank\_Score to Text on the Marks cards.

What is the Rank Score value for Student ID 4220?

- ☐ (A) 5
- ☐ (B) 4
- ☐ (C) 6
- ☐ (D) 3

**Correct Answer: A**

the rank function returns the rank of each row within the partition of a result set. The rank of a row is one plus the number of ranks that come before the row in question.

To answer your question, we need to apply the rank function to the Avg Score column and sort it in descending order. Then we can find the rank score value for Student ID 4220 by looking at the corresponding row.

Here is how the table would look like after applying the rank function and sorting:

Name	Student ID	State	Avg Score	Rank Score
John	4220	NY	95	1
Mary	1234	NC	90	2
Bob	5678	NY	85	3
Jane	9012	NC	80	4

As you can see, the rank score value for Student ID 4220 is 1.

## Question #2

in which three formats can you export a worksheet from the Worksheet menu? Choose three

- ☐ (A) .png
- ☐ (B) .html
- ☐ (C) .xlsx
- ☐ (D) .txt
- ☐ (E) .pptx

F) .csv

A) .png C) .xlsx F) .csv

The Worksheet menu is a menu that appears at the top of the Tableau window when you are working on a worksheet. It contains various options and commands that you can use to work with your worksheet, such as formatting, sorting, filtering, and exporting.

The Export option is a sub-menu that allows you to export your worksheet to different formats, such as image, data, or cross tab. You can access the Export option by clicking on Worksheet > Export from the menu.

The .png format is an image format that you can use to export a worksheet as an image file. An image file is a file that contains a picture of your worksheet, such as a chart or a table. You can use an image file to share your worksheet with others or insert it into other documents or applications. You can export a worksheet as an image file by selecting Worksheet > Export > Image from the menu. This will open a dialog box where you can choose a file name, location, and resolution for your image.

The .xlsx format is an Excel format that you can use to export a worksheet as an Excel workbook. An Excel workbook is a file that contains one or more worksheets in a spreadsheet application, such as Microsoft Excel. You can use an Excel workbook to work with your data in Excel or import it into other applications or databases. You can export a worksheet as an Excel workbook by selecting Worksheet > Export > Data from the menu. This will open a dialog box where you can choose a file name and location for your workbook.

The .csv format is a comma-separated values format that you can use to export a worksheet as a text file with values separated by commas. A text file is a file that contains plain text without any formatting or graphics. You can use a text file to store or transfer your data in a simple and universal format. You can export a worksheet as a text file by selecting Worksheet > Export > Crosstab to Excel from the menu. This will open a dialog box where you can choose a file name and location for your text file.

The other options are not correct for this scenario. The .html format is a web page format that you can use to export a dashboard or a story as a web page file. A web page file is a file that contains HTML code that defines the structure and content of a web page. You can use a web page file to view your dashboard or story in a web browser or embed it into other web pages or applications. However, you cannot export a worksheet as a web page file from the Worksheet menu. You have to use the Dashboard menu or the Story menu instead.

The .txt format is another text format that you can use to export data as a text file with values separated by tabs. However, you cannot export data as a .txt file from the Worksheet menu. You have to use the Data Source menu instead.

The .pptx format is a PowerPoint format that you can use to export one or more worksheets as PowerPoint slides. A PowerPoint slide is a page that contains graphics and text that are part of a presentation in Microsoft PowerPoint. You can use PowerPoint slides to present your worksheets to others or insert them into other presentations or documents. However, you cannot export worksheets as PowerPoint slides from the Worksheet menu. You have to use the File menu instead. Reference:

<https://help.tableau.com/current/pro/desktop/en-us/export.htm> [https://help.tableau.com/current/pro/desktop/en-us/export\\_image.htm](https://help.tableau.com/current/pro/desktop/en-us/export_image.htm)

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[https://help.tableau.com/current/pro/desktop/en-us/export\\_powerpoint.htm](https://help.tableau.com/current/pro/desktop/en-us/export_powerpoint.htm)

**Correct Answer: A, C, F**

The three formats that you can export a worksheet from the Worksheet menu are:

### Question #3

You have the following visualization.

State	Name	Student ID	State	Avg. Score	
NC	Lamar High School	4050	NC	64	Abc
		4205	NC	67	Abc
	Memorial High School	4056	NC	66	Abc
		4220	NC	71	Abc
NY	Dewey High School	869	NY	80	Abc
		4183	NY	39	Abc
	Evers High School	4247	NY	71	Abc
		4124	NY	75.5	Abc

You Create a table calculation named Rank\_Score that has a formula of `RANK(AVG([Score]))`, and you drag Rank\_Score to Text on the Marks cards.

What is the Rank Score value for Student ID 4220?

- (A) 5
- (B) 4
- (C) 6
- (D) 3

**Correct Answer: A**

the rank function returns the rank of each row within the partition of a result set. The rank of a row is one plus the number of ranks that come before the row in question.

To answer your question, we need to apply the rank function to the Avg Score column and sort it in descending order. Then we can find the rank score value for Student ID 4220 by looking at the corresponding row.

Here is how the table would look like after applying the rank function and sorting:

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Mary	1234	NC	90	2
Bob	5678	NY	85	3
Jane	9012	NC	80	4

As you can see, the rank score value for Student ID 4220 is 1.

## Question #4

You have the following visualization.

State	Name	Student ID	State	Avg. Score	
NC	Lamar High School	4050	NC	64	Abc
		4205	NC	67	Abc
	Memorial High School	4056	NC	66	Abc
		4220	NC	71	Abc
NY	Dewey High School	869	NY	80	Abc
		4183	NY	39	Abc
	Evers High School	4247	NY	71	Abc
		4124	NY	75.5	Abc

You Create a table calculation named Rank\_Score that has a formula of `RANK(AVG([Score]))`, and you drag Rank\_Score to Text on the Marks cards.

What is the Rank Score value for Student ID 4220?

- (A) 5
- (B) 4
- (C) 6
- (D) 3

**Correct Answer: A**

the rank function returns the rank of each row within the partition of a result set. The rank of a row is one plus the number of ranks that come before the row in question.

To answer your question, we need to apply the rank function to the Avg Score column and sort it in descending order. Then we can find the rank score value for Student ID 4220 by looking at the corresponding row.

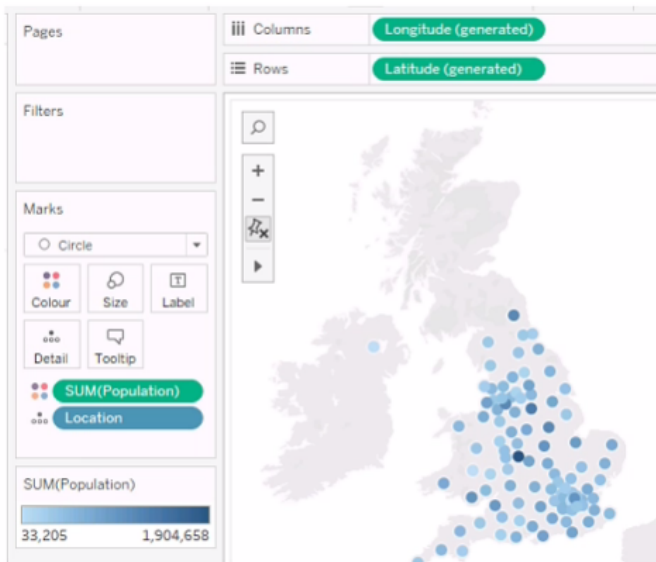
Here is how the table would look like after applying the rank function and sorting:

Name	Student ID	State	Avg Score	Rank Score
John	4220	NY	95	1
Mary	1234	NC	90	2
Bob	5678	NY	85	3
Jane	9012	NC	80	4

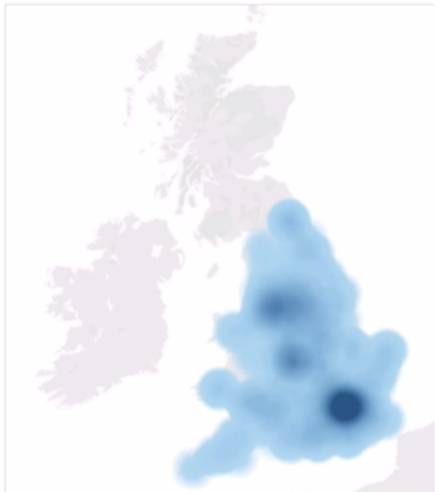
As you can see, the rank score value for Student ID 4220 is 1.

## Question #5

You have the following map.



You need the map to appear as shown in the following visualization.



What should you do?

- (A) Change the mark type to Density
- (B) Drag Location to Size on the Marks card
- (C) Change the mark type to Map
- (D) Drag Population to Size on the Marks card
- (E) Change the opacity to 75%

**Correct Answer:** D

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