

Free PDF Quiz Analytics-Con-301 - Updated Passing Salesforce Certified Tableau Consultant Score Feedback



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Salesforce Analytics-Con-301 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Business Consulting: For Tableau Consultants, this section involves designing and troubleshooting calculations and workbooks to meet advanced analytical use cases. It covers selecting appropriate chart types, applying Tableau's order of operations in calculations, building interactivity into dashboards, and optimizing workbook performance by resolving resource-intensive queries and other design-related issues.
Topic 2	<ul style="list-style-type: none">• Data Management: This part focuses on establishing governance and support for published content. Tableau Consultants are expected to manage data security, publish and maintain data sources and workbooks, and oversee content access. It includes applying governance best practices, using metadata APIs, and supporting administration functions to maintain data integrity and accessibility.
Topic 3	<ul style="list-style-type: none">• Data Analysis: This domain targets Tableau Consultants to plan and prepare data connections effectively. It includes recommending data transformation strategies, designing row-level security (RLS) data structures, and implementing advanced data connections such as Web Data Connectors and Tableau Bridge. Skills in specifying granularity and aggregation strategies for data sources across Tableau products are emphasized.

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The Salesforce Analytics-Con-301 exam questions are the ideal and recommended study material for quick and easiest Salesforce Certified Tableau Consultant (Analytics-Con-301) exam dumps preparation. The Salesforce Certified Tableau Consultant (Analytics-Con-301) practice questions are designed and verified by qualified and renowned Salesforce Certification Exams trainers. They work closely and check all Analytics-Con-301 Exam Dumps step by step. They also ensure the best possible answer for all Analytics-Con-301 exam questions and strive hard to maintain the top standard of Salesforce Certified Tableau Consultant (Analytics-Con-301) exam dumps all the time.

Salesforce Certified Tableau Consultant Sample Questions (Q30-Q35):

NEW QUESTION # 30

A Tableau consultant is asked to evaluate a workbook that is slow to respond and make a recommendation on possible performance improvements. The workbook connects to three extract data sources from an SQL database. The sheets are used in five dashboards. The consultant runs a performance recording on the workbook and notices that the largest amount of time is spent on rendering the visualizations.

What is the most effective approach to reduce the workbook's rendering time?

- A. Filter the unused data before bringing it into the workbook.
- B. Change the dashboards' size to Automatic.
- C. Change the connections to live.
- D. Update worksheets to reduce the number of records displayed.

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

According to Tableau's Performance Optimization guidance, rendering time becomes the largest bottleneck when excessive marks, dense data, or overly complex visualizations appear on worksheets. Rendering is the last stage in the Tableau Order of Operations and is directly affected by how many marks must be drawn and how visually complex each view is.

Tableau's performance recommendations explain:

* When a performance recording shows that Rendering is the slowest step, the most effective improvement is to reduce the number of marks (records) in the view.

* Rendering time is determined by the number of marks, shapes, headers, labels, and visual elements Tableau must draw.

* Reducing the amount of data displayed on each worksheet is the most impactful change when rendering is the dominant delay.

Option B directly aligns with this: updating worksheets to reduce the number of records displayed lowers the number of marks, reduces visual density, and improves rendering speed.

Option A is not effective because changing dashboard size does not reduce the number of marks.

Option C would degrade performance because live connections are typically slower than extracts.

Option D improves data preparation and may reduce extract load times, but it does not directly address rendering unless the unused data was contributing to marks in the view. The question indicates the bottleneck is specifically rendering, so reducing marks is the most appropriate action.

Therefore, the most effective solution to reduce rendering time is to reduce the number of records (marks) displayed on worksheets.

* Tableau Performance Recording guidance describing rendering as the slowest stage when too many marks are present.

* Tableau Performance Checklist recommending reducing the number of marks in views to improve rendering.

* Tableau Desktop help sections on best practices for improving visualization performance when rendering dominates.

NEW QUESTION # 31

A client wants to produce a visualization to show quarterly profit growth and aggregated sales totals across a number of product categories from the data provided below.

Sub-Category	Quarter of Order Date	Profit	Sales
Accessories	Q1	\$5,123	\$19,613.82
	Q2	\$6,537	\$26,473.19
	Q3	\$13,705	\$54,402.92
	Q4	\$16,571	\$66,890.39
Appliances	Q1	\$1,915	\$14,842.86
	Q2	\$2,475	\$21,299.56
	Q3	\$4,580	\$27,426.98
	Q4	\$9,359	\$44,643.79
Art	Q1	\$834	\$3,424.36
	Q2	\$1,680	\$6,981.23
	Q3	\$1,887	\$7,559.69
	Q4	\$2,253	\$9,693.73
Binders	Q1	\$8,756	\$30,659.52
	Q2	\$6,927	\$36,625.32
	Q3	\$9,126	\$68,995.94
	Q4	\$6,617	\$71,074.11
Bookcases	Q1	-\$1,180	\$14,498.49
	Q2	\$70	\$20,494.31
	Q3	-\$1,503	\$37,583.06
	Q4	-\$1,018	\$42,785.35
Chairs	Q1	\$3,891	\$44,033.34
	Q2	\$5,052	\$68,074.97
	Q3	\$7,418	\$93,643.87
	Q4	\$10,863	\$130,016.06
Copiers	Q1	\$12,544	\$29,549.65
	Q2	\$5,322	\$23,179.65
	Q3	\$8,612	\$25,829.43
	Q4	\$29,616	\$72,186.55

Which set of charts should the consultant use to meet the client's requirements?

- A. Gantt and bar charts
- **B. Waterfall chart and tree map**
- C. Line and bubble charts
- D. Scatter plot and pie chart

Answer: B

Explanation:

To effectively display quarterly profit growth and aggregated sales totals across different product categories, a combination of a Waterfall chart and a Tree Map is recommended:

* Waterfall Chart: This chart type is excellent for visualizing the sequential growth or decline of profits across different quarters for each sub-category. It clearly shows how profits accumulate over time, highlighting both positive and negative changes, which makes it ideal for tracking profit growth or decline through the quarters.

* Tree Map: A Tree Map can efficiently display aggregated sales totals where each block size represents the total sales of a product category, providing a quick, visually impactful comparison across categories. This is especially useful when the client wants to understand which categories contribute most to sales in a glanceable format.

Together, these charts provide a comprehensive overview of both profit trends over time (Waterfall Chart) and a comparative snapshot of sales performance across categories (Tree Map), meeting the client's need to analyze performance dynamics in a detailed yet consolidated manner.

References

These recommendations are based on common best practices for data visualization in Tableau, where specific chart types are chosen for their strengths in communicating certain types of data relationships and dynamics, as detailed in Tableau's official visualization guides.

NEW QUESTION # 32

SIMULATION

From the desktop, open the CC workbook.

Open the Incremental worksheet.

You need to add a line to the chart that shows the cumulative percentage of sales contributed by each product to the incremental sales.

From the File menu in Tableau Desktop, click Save.

Answer:

Explanation:

See the complete Steps below in Explanation

Explanation:

To add a line showing the cumulative percentage of sales contributed by each product to the incremental sales in the Incremental worksheet of your Tableau Desktop, follow these detailed steps:

Open the CC Workbook and Access the Worksheet:

From the desktop, double-click on the CC workbook to open it in Tableau Desktop.

Navigate to the Incremental worksheet by clicking on its tab at the bottom of the window.

Calculate Cumulative Sales Percentage:

Create a new calculated field to compute the cumulative percentage of sales. Right-click in the Data pane and select 'Create Calculated Field'.

Name this field "Cumulative Sales Percentage".

Enter the following formula to calculate the running sum of sales as a percentage of the total sales:

$(\text{RUNNING_SUM}(\text{SUM}([\text{Sales}])) / \text{TOTAL}(\text{SUM}([\text{Sales}]))$ [Sales])

Click 'OK' to save the calculated field.

Add the Cumulative Sales Percentage Line to the Chart:

Drag the "Cumulative Sales Percentage" field to the Rows shelf, placing it next to the existing Sales measure.

Ensure that the cumulative line appears as a continuous line. Right-click on the "Cumulative Sales Percentage" field on the Rows shelf, select 'Change Chart Type', and choose 'Line'.

Adjust the axis to synchronize or dual-axis if necessary. Right-click on the axis of the "Cumulative Sales Percentage" and select 'Synchronize Axis' if it's on a dual-axis setup.

Format the Cumulative Sales Percentage Line:

Click on the "Cumulative Sales Percentage" line in the visualization.

Navigate to the 'Format' pane to adjust the line style, thickness, and color to make it distinct from other data in the chart.

Save Your Changes:

From the File menu, click 'Save' to ensure all your changes are stored.

References:

Tableau Help: Provides additional details on creating calculated fields and customizing line charts.

Tableau User Guide: Offers extensive instructions on formatting charts, including line types and axis synchronization.

By following these steps, you will successfully add a cumulative sales percentage line to your chart, enhancing the visualization to reflect the incremental contribution of each product to the overall sales in a dynamic and informative manner.

NEW QUESTION # 33

A client collects information about a web browser customers use to access their website. They then visualize the breakdown of web traffic by browser version.

The data is stored in the format shown below in the related table, with a NULL BrowserID stored in the Site Visitor Table if an unknown browser version accesses their website.

Site Visitor Table		Browser Table	
VisitorID	BrowserID	BrowserID	Browser Version
1234	1	1	Chrome 85
1235	NULL	2	Chrome 86
1236	2	3	Safari 15.5
1237	3		

The client uses "Some Records Match" for the Referential Integrity setting because a match is not guaranteed. The client wants to improve the performance of the dashboard while also getting an accurate count of site visitors. Which modifications to the data tables and join should the consultant recommend?

- A. Continue to use NULL as the BrowserID in the Site Visitor Table and leave the Referential Integrity set to "Some Records Match."
- B. Continue to use NULL as the BrowserID in the Site Visitor Table and change the Referential Integrity to "All Records Match."
- **C. Add an "Unknown" option to the Browser Table, reference its BrowserID in the Site Visitor Table, and change the Referential Integrity to "All Records Match."**
- D. Add an "Unknown" option to the Browser Table, reference its BrowserID in the Site Visitor Table, and leave the Referential Integrity set to "Some Records Match."

Answer: C

Explanation:

To improve the performance of a Tableau dashboard while maintaining accurate counts, particularly when dealing with unknown or NULL BrowserIDs in the data tables, the following steps are recommended:

Modify the Browser Table: Add a new row to the Browser Table labeled "Unknown," assigning it a unique BrowserID, e.g., 0 or 4.

Update the Site Visitor Table: Replace all NULL BrowserID entries with the BrowserID assigned to the "Unknown" entry. This ensures every record in the Site Visitor Table has a valid BrowserID that corresponds to an entry in the Browser Table.

Change Referential Integrity Setting: Change the Referential Integrity setting from "Some Records Match" to "All Records Match."

This change assumes all records in the primary table have corresponding records in the secondary table, which improves query performance by allowing Tableau to make optimizations based on this assumption.

References:

Handling NULL Values: Replacing NULL values with a valid unknown option ensures that all data is included in the analysis, and integrity between tables is maintained, thereby optimizing the performance and accuracy of the dashboard.

NEW QUESTION # 34

A client creates a report and publishes it to Tableau Server where each department has its own user group set on the server. The client wants to limit visibility of the report to the sales and marketing groups in the most efficient manner.

Which approach should the consultant recommend?

- A. Add user filters from Tableau Server to each worksheet and select only sales and marketing user groups.
- **B. Grant access to the report on the Tableau Server only to the members of sales and marketing user groups.**
- C. Prepare a row-level security (RLS) entitlement table to define limitations of the access and use it to build user filters in the report's data source.
- D. Use user groups defined on Tableau Server to build user filters in the report's data source.

Answer: B

Explanation:

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