

Analytics-Con-301 Test Questions & Analytics-Con-301 Real Exams

Task 6

From the desktop, open the **NYC Property Transactions** workbook.

You need to record the performance of the Property Transactions dashboard in the NYC Property Transactions.twbx workbook. Ensure that you start the recording as soon as you open the workbook. Open the **Property Transactions** dashboard, reset the filters on the dashboard to show all values, and stop the recording. Save the recording in C:\CC\Data\.

Create a new worksheet in the performance recording. In the worksheet, create a bar chart to show the elapsed time of each command name by worksheet, to show how each sheet in the Property Transactions dashboard contributes to the overall load time.

From the File menu in Tableau Desktop, click **Save**. Save the performance recording in C:\CC\Data\.

P.S. Free & New Analytics-Con-301 dumps are available on Google Drive shared by PassTesting: <https://drive.google.com/open?id=1bRJYo3I7AKxO-k5ivzquDgn6rg0YEK7a>

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Salesforce Analytics-Con-301 Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<ul style="list-style-type: none"> • Business Analysis: This section of the exam measures skills of Tableau Consultants focusing on evaluating the current state of analytics within an organization. It covers mapping business needs to Tableau capabilities, translating analytical requirements to best practices in Tableau, and recommending appropriate deployment options like Tableau Server or Tableau Cloud. It also includes evaluating existing data structures for supporting business needs and identifying performance risks and opportunities.
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.
Topic 4	<ul style="list-style-type: none"> • IT Management: This domain measures skills related to managing Tableau environments. It includes planning server upgrades, recommending deployment solutions (on-premise or cloud), and ensuring alignment between technical and business requirements for analytics infrastructure. It also involves troubleshooting and optimizing system performance relevant to Tableau Server and Cloud deployments.
Topic 5	<ul style="list-style-type: none"> • Data Visualization: This section evaluates the Tableau Consultant's ability to design effective visual analytics solutions. It involves creating dashboards and visual reports that enhance user understanding, employing techniques like dynamic actions and advanced chart types, and ensuring performance optimization for an interactive user experience.

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Salesforce Certified Tableau Consultant Sample Questions (Q92-Q97):

NEW QUESTION # 92

From the desktop, open the CC workbook. Use the US Population Estimates data source.

You need to shape the data in US Population Estimates by using Tableau Desktop. The data must be formatted as shown in the following table.

Field name	Data type
Sex	String
Origin	String
Race	String
Year	Number (whole)
Age	Number (whole)
Population	Number (whole)

Open the Population worksheet. Enter the total number of records contained in the data set into the Total Records parameter. From the File menu in Tableau Desktop, click Save.

Answer:

Explanation:

See the complete Steps below in Explanation:

Explanation:

To shape the data in the "US Population Estimates" data source and enter the total number of records into the "Total Records" parameter in Tableau Desktop, follow these 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 Population worksheet by selecting its tab at the bottom of the window.

* Format and Shape the Data:

* Ensure the data types match those specified in the requirements: Sex, Origin, Race as strings; Year, Age, Population as whole numbers.

* To verify or change the data type, click on the dropdown arrow next to each field name in the Data pane and select "Change Data Type" if necessary.

* Calculate Total Number of Records:

* Create a new calculated field named "Total Records". To do this, right-click in the Data pane and select "Create Calculated Field".

* Enter the formula COUNT([Record ID]) or SUM([Number of Records]) depending on how the data source identifies each row uniquely.

* Drag this new calculated field onto the worksheet to display the total number of records.

* Enter the Value into the Total Records Parameter:

* Locate the "Total Records" parameter in the Data pane. Right-click on the parameter and select "Edit".

* Manually enter the number displayed from the calculated field into the parameter, ensuring accuracy to meet the data shaping requirement.

* Save Your Changes:

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

References:

Tableau Desktop Guide: Provides detailed instructions on managing data types, creating calculated fields, and updating parameters.

Tableau Data Shaping Techniques: Outlines effective methods for manipulating and structuring data for analysis.

This process will ensure the data in the "US Population Estimates" is accurately shaped according to the specified format and that the total number of records is correctly calculated and entered into the designated parameter. This thorough approach ensures data integrity and accuracy in reporting.

NEW QUESTION # 93

A client currently has a workbook with the table shown below.

Category	Sub-Category	Sales	Total Sales Value	
Furniture	Bookcases	\$115,361	\$2,326,534	Abc
	Chairs	\$335,768	\$2,326,534	Abc
	Furnishings	\$95,598	\$2,326,534	Abc
	Tables	\$208,020	\$2,326,534	Abc
Office	Appliances	\$108,213	\$2,326,534	Abc
	Art	\$27,659	\$2,326,534	Abc
Supplies	Binders	\$207,355	\$2,326,534	Abc
	Envelopes	\$16,528	\$2,326,534	Abc
	Fasteners	\$8,532	\$2,326,534	Abc
	Labels	\$12,695	\$2,326,534	Abc
	Paper	\$79,541	\$2,326,534	Abc
	Storage	\$224,645	\$2,326,534	Abc
	Supplies	\$46,725	\$2,326,534	Abc
	Technology	Accessories	\$167,380	\$2,326,534
Copiers		\$150,745	\$2,326,534	Abc
Machines		\$189,925	\$2,326,534	Abc
Phones		\$331,843	\$2,326,534	Abc

Which method will produce the output for the Total Sales Value field for all the categories shown in the table?

- A. MAX() Function
- B. A Window Function
- C. Quick Table Calculation
- **D. Level of Detail (LOD) Calculation**

Answer: D

Explanation:

To calculate the Total Sales Value for all categories as displayed in the table, an LOD expression is ideal. An LOD calculation in Tableau allows you to compute values at the data level that is different from the view level. In this case, since the Total Sales Value

appears consistent across different sub-categories within each category, an LOD expression can be used to fix the Total Sales Value irrespective of the sub-category detail. Here's how to set it up:

Go to the Calculations area by right-clicking in the data pane and selecting "Create Calculated Field".

Enter a name for the calculation, such as "Total Sales Value".

Enter the LOD expression: { FIXED [Category] : SUM([Sales]) }. This calculation fixes the total sales to the category level, effectively summing sales for all sub-categories within each category, irrespective of how the data is broken down in the view.

Drag this new calculated field into your visualization alongside the existing measures.

This method ensures that the Total Sales Value reflects the total for each category across all its sub-categories, matching the uniform values shown across different rows for each category in your table.

References

The explanation utilizes the concept of Level of Detail calculations in Tableau, which allows for advanced aggregations independent of the view level details. This concept is covered extensively in Tableau's official documentation and relevant training materials such as Tableau's online help resources.

NEW QUESTION # 94

A client is migrating their data warehouse. They visualize the data in workbooks hosted on Tableau Server with Tableau Data Management enabled and want to see how many workbooks will be impacted.

What should the consultant do to quickly identify how many workbooks will be impacted?

- A. In Tableau Server, select the database from External Assets, then select the Lineage tab.
- B. Open each workbook and identify the data source.
- C. Complete the migration and let users report errors as they are noticed.
- D. Leverage the Tableau Developer API to query the workbooks' metadata.

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

When Tableau Data Management is enabled, Tableau Catalog provides Lineage capabilities that map connections between:

- * External databases
- * Tables
- * Data sources
- * Workbooks
- * Fields

Tableau documentation states that the Lineage tab for any external asset (such as a database or table):

- * Shows all connected workbooks
- * Shows dependencies and impact analysis
- * Allows admins to instantly assess how many analytics assets will be affected by a data warehouse migration Option A directly uses Tableau Catalog to perform exactly this task.

Option B is unnecessary because the Catalog lineage tool already provides this information without development effort.

Option C is completely inappropriate because it offers no analysis or planning.

Option D is too time-consuming and unnecessary, especially when Tableau Catalog provides an automated dependency map.

Therefore, the correct method is to use the Lineage tab in External Assets.

- * Tableau Catalog lineage documentation showing how to view impacted workbooks.
- * External Assets and data source dependency features in Tableau Data Management.
- * Impact analysis best practices for data warehouse migration using Tableau Catalog.

NEW QUESTION # 95

Use the following login credentials to sign in to the virtual machine:

Username: Admin

Password:

The following information is for technical support purposes only:

Lab Instance: 40201223

To access Tableau Help, you can open the Help.pdf file on the desktop.

From the desktop, open the **CC** workbook.
Open the **Categorical Sales** worksheet.

You need to use table calculations to compute the following:

- For each category and year, calculate the average sales by segment.
- Create another calculation to compute the year-over-year percentage change of the average sales by category calculation. Replace the original measure with the year-over-year percentage change in the crosstab.

From the File menu in Tableau Desktop, click **Save**.

From the desktop, open the CC workbook.

Open the Categorical Sales worksheet.

You need to use table calculations to compute the following:

- . For each category and year, calculate the average sales by segment.
- . Create another calculation to compute the year-over-year percentage change of the average sales by category calculation. Replace the original measure with the year-over-year percentage change in the crosstab.

From the File menu in Tableau Desktop, click Save.

Answer:

Explanation:

See the complete Steps below in Explanation:

Explanation:

To compute the required calculations and update the worksheet in Tableau Desktop, follow these steps:

- * Compute Average Sales by Segment for Each Category and Year:
 - * Open the CC workbook and navigate to the Categorical Sales worksheet.
 - * Drag the 'Sales' field to the Rows shelf if it's not already there.
 - * Drag the 'Segment' field to the Rows shelf as well, placing it next to 'Category' and 'Year'.
 - * Right-click on the 'Sales' field in the Rows shelf and select 'Quick Table Calculation' > 'Average'.
- This will compute the average sales for each segment within each category and year.
- * Create a Calculation for Year-over-Year Percentage Change:
 - * Right-click in the data pane and select 'Create Calculated Field'.
 - * Name the calculated field something descriptive, e.g., "YoY Sales Change".
 - * Enter the formula to calculate the year-over-year percentage change:
$$\frac{ZN(SUM([Sales])) - LOOKUP(ZN(SUM([Sales])), -1)}{ABS(LOOKUP(ZN(SUM([Sales])), -1))}$$
 - * Click 'OK' to save the calculated field.
 - * Replace the Original Measure with the Year-over-Year Percentage Change in the Crosstab:

- * Remove the original 'Sales' measure from the view by dragging it off the Rows shelf.
- * Drag the newly created "YoY Sales Change" calculated field to the Rows shelf where the 'Sales' field was originally.
- * Format the "YoY Sales Change" field to display as a percentage. Right-click on the field in the Rows shelf, select 'Format', and adjust the number format to percentage.
- * Save Your Changes:
- * From the File menu, click 'Save' to ensure all your changes are stored.

References:

Tableau Help: Offers guidance on creating calculated fields and using table calculations.

Tableau Desktop User Guide: Provides instructions on formatting and saving worksheets.

These steps allow you to manipulate data within Tableau effectively, using table calculations to analyze trends and changes in sales data by category and segment over years.

NEW QUESTION # 96

A client needs to design row-level security (RLS) measures for their reports. The client does not currently have Tableau Data Management Add-on, and it may be an option in the future.

What should the consultant recommend as the safest and easiest way to manage for the long term?

- **A. Create User filters based on data policies and apply them to a published data source.**
- B. Create User filters for each report using a table joined to its data source and using the option Apply to All Sheet Using the Data Source.
- C. Create User filters based on data policies and apply them to views using set filters and option Server /Create User Filter.
- D. Create User filters in each view of each report using set filters and option Server/Create User Filter.

Answer: A

Explanation:

For implementing row-level security (RLS) without the Tableau Data Management Add-on, the best approach is to integrate user filters into the published data source:

* Creating User Filters on Published Data Source: This method involves defining user filters that apply directly to the data source before it is published to the Tableau Server. This ensures that any workbook or view leveraging this data source inherently respects the row-level security settings.

* To implement this, create a calculated field in Tableau that defines the security logic, typically using a formula that references user functions (like USERNAME() or ISMEMBEROF()). Drag this field to the Filters shelf and configure it to match the security rules (who can see what data).

* Once configured, publish the data source to Tableau Server with these filters in place. This approach centralizes security management, making it easier to maintain and update security policies as they are applied universally to all workbooks using this data source.

This strategy is safe as it reduces the risk of accidental data exposure through individual workbook misconfiguration and simplifies long-term maintenance of security policies.

References

This method follows Tableau's best practices for implementing row-level security as detailed in Tableau's security management resources. It ensures robust, maintainable security measures that scale with organizational needs without requiring additional add-ons.

NEW QUESTION # 97

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