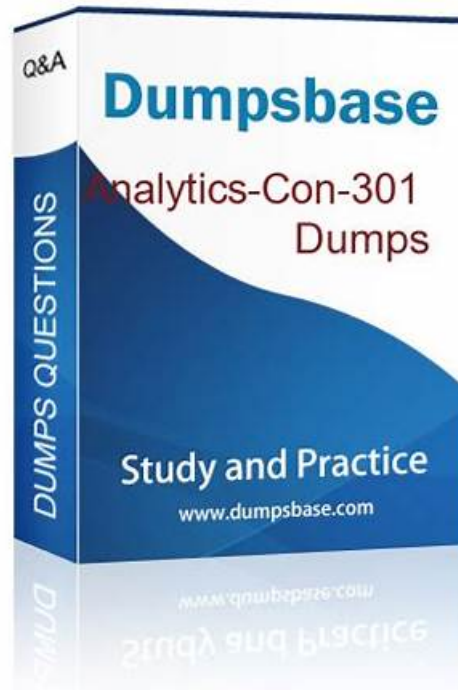


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Salesforce Analytics-Con-301 Exam Syllabus Topics:

| Topic | Details |
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| | |
|---------|--|
| Topic 1 | <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 2 | <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 3 | <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 4 | <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. |
| Topic 5 | <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. |

Salesforce Certified Tableau Consultant Sample Questions (Q56-Q61):

NEW QUESTION # 56

A workbook that leverages a data source extract is taking a long time to load. Tableau's Performance Optimizer is reporting a number of unnecessary calculations that reference other calculations (i.e., nested calculations).

Which two solutions should resolve this warning and improve performance? Choose two.

- A. Hide the nested calculations when publishing the workbook.
- B. Add "Apply" to the filters in the workbook.
- C. Choose the "Compute Calculations Now" option when publishing the data source.
- D. Build the calculations into the data source upstream of Tableau.

Answer: C,D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Tableau's Performance Optimizer flags nested calculations because:

- * They produce more complex queries inside the extract engine.
- * They require additional computation during query execution.
- * They slow down extract-based workbooks because all internal logic must run inside Hyper, not the database.

Tableau documentation provides two recommended solutions:

Solution 1: Move calculations upstream (Option A)

When calculations are performed in the database or data-prep layer, the extract does not need to compute them at runtime.

Benefits include:

- * Hyper extracts become simpler
- * Query execution becomes faster
- * No nested expressions inside Tableau

This matches Option A.

Solution 2: Use "Compute Calculations Now" when publishing (Option C)

"Compute Calculations Now" allows Tableau to:

- * Materialize eligible calculations inside the extract
- * Reduce the runtime load
- * Remove nested calculation layers during query execution

This option is specifically documented as a solution to Performance Optimizer warnings related to calculated fields in extracts.

Therefore, Option C is also correct.

Why the other answers are incorrect:

B). Add "Apply" to filters

Improves dashboard interactivity, not extract query complexity.

D). Hide nested calculations

Hiding fields has no effect on extract computation - they remain part of the data model.

* Extract optimization recommendations

* "Compute Calculations Now" extract materialization documentation

* Performance Optimizer guidance on nested calculations

NEW QUESTION # 57

For a new report, a consultant needs to build a data model with three different tables, including two that contain hierarchies of locations and products. The third table contains detailed warehousing data from all locations across six countries. The consultant uses Tableau Cloud and the size of the third table excludes using an extract.

What is the most performant approach to model the data for a live connection?

- A. Blending the first two tables with the third
- B. Joining the tables in Tableau Desktop
- **C. Relating the tables in Tableau Desktop**
- D. Joining the tables in Tableau Prep

Answer: C

Explanation:

For a performant live connection in Tableau Cloud, especially when dealing with large datasets that preclude the use of extracts, relating the tables in Tableau Desktop is the recommended approach. This method allows for flexibility in how the data is queried and can improve performance by leveraging Tableau's relationships feature, which optimizes queries for the underlying database.

References: The best practices for live connections in Tableau Cloud suggest using relationships to manage complex data models efficiently¹. Additionally, Tableau's documentation on connecting data sources recommends using relationships for better performance with live connections².

NEW QUESTION # 58

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

Answer: B

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 additions.

NEW QUESTION # 59

A client is concerned that a dashboard has experienced degraded performance after they added additional quick filters. The client asks a consultant to improve performance.

Which two actions should the consultant take to fulfill the client's request? Choose two.

- A. Add existing filters to Context.
- **B. Modify filters to include an "Apply" button.**
- C. Ensure filters are set to display "Only Relevant Values" instead of "All Values in Database."
- **D. Use Filter Actions instead of quick filters.**

Answer: B,D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Quick filters are one of the most expensive features in Tableau because they require queries to populate value lists and dynamic recalculations when filters change.

According to Tableau performance documentation:

1. Add an "Apply" Button

This prevents Tableau from re-running queries every time the user selects a filter value.

Queries are executed once when the user presses Apply.

This is a documented best practice for filter-heavy dashboards.

2. Replace Quick Filters with Filter Actions

Filter actions are far more efficient because:

- * They leverage the existing view context
- * They do not require separate filter UI queries
- * They avoid the overhead of quick filter value lists

Tableau recommends using filter actions instead of multiple quick filters for better performance.

Why the other options are incorrect:

* B. Add filters to Context: Context filters make downstream filters faster, but do not reduce quick filter processing cost; they can even increase extract size and slow down the dashboard.

* C. Only Relevant Values: This actually slows performance because Tableau must re-evaluate the entire data set to determine relevancy every time filters update.

Thus, A and D are the correct performance-improvement approaches.

* Tableau Performance Checklist recommending Apply button for multi-select filters.

* Performance documentation advising the use of Filter Actions over multiple quick filters.

* Filtering best practices explaining the cost of Only Relevant Values.

NEW QUESTION # 60

A client wants to provide sales users with the ability to perform the following tasks:

- * Access published visualizations and published data sources outside the company network.
- * Edit existing visualizations.
- * Create new visualizations based on published data sources.
- . Minimize licensing costs.

Which site role should the client assign to the sales users?

- A. Site Administrator
- B. Creator
- **C. Explorer (can publish)**
- D. Viewer

Answer: C

Explanation:

The Explorer (can publish) site role in Tableau is designed for users who need to access, edit, and create visualizations based on published data sources, even when they are outside the company network. This role allows users to perform web editing and save

