Basic Concepts

1. What is Tableau, and what are its primary uses?
2. What are dimensions and measures?
3. Explain different types of joins in Tableau.
4. How does data blending work?
5. What are live and extract data connections?
6. Describe the process of creating a calculated field.
7. How do filters work in Tableau?
8. What’s the purpose of a parameter in Tableau?
9. What is a dashboard in Tableau?
10. How can you create a data hierarchy?

Data Handling

1. How does Tableau handle large datasets?
2. What is the difference between data blending and joining?
3. Explain what a data source filter is.
4. How do you handle null values in Tableau?
5. What are groups in Tableau?
6. What are sets and how do they differ from groups?
7. Explain the purpose of context filters.
8. How do you union tables in Tableau?

Visualization

1. What types of charts can you create in Tableau?
2. How would you make a scatter plot in Tableau?
3. Explain how to create a dual-axis chart.
4. What is a heat map?
5. How do you create a bar chart?
6. Describe the steps for creating a histogram.
7. What are highlight tables?
8. How do you create a pie chart?
9. Explain the use of bullet graphs.

Advanced Features

1. What are Level of Detail (LOD) expressions?
2. Explain FIXED, INCLUDE, and EXCLUDE LOD expressions.
3. How does table calculation differ from a calculated field?
4. What are some commonly used table calculations?
5. How can you use parameters to make a report interactive?
6. Explain how blending data from two sources works.
7. What is a reference line?
8. What are filters?
9. How do you embed Tableau visualizations into web applications?

Dashboard and Performance

1. What are the steps to create a dashboard?
2. What is a filter action in a dashboard?
3. How can you improve dashboard performance?
4. What are extracts, and how do they improve performance?
5. What are the limitations of Tableau

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1. Foundational Knowledge:

* **What is Tableau?**
* **What is data visualization?**
* **What are the different types of data sources that Tableau can connect to?**
* **What are the different types of Tableau products?**
* **What are the differences between measures and dimensions?**
* **What is the difference between a live connection and an extract?**
* **What are the different types of joins in Tableau?**
* **What are parameters, sets, and groups?**

2. Intermediate Concepts:

* **What is data blending in Tableau?**
* **What are LOD expressions?**
* **What are calculated fields?**
* **What is a dual axis?**
* **How can you filter data in Tableau?**
* **What are the different types of filters?**
* **What is aggregation and disaggregation?**

**Tableau Scenario based interview questions with solution**

<https://youtu.be/AC7NQo-JBZY?si=_Ilz6zflb6SSrVMF>

<https://www.simplilearn.com/tableau-interview-questions-and-answers-article>

<https://www.testgorilla.com/blog/tableau-interview-questions/>

<https://github.com/OBenner/data-engineering-interview-questions/blob/master/content/tableau.md>