

Tableau Question List

1. What is Tableau ?
2. Key Features of Tableau ?
3. What are the types of tools tableau offers ?
4. Where tableau reports can be published ?
5. How does tableau consider databases ?
6. How many graphs does tableau support?
7. Why go with Tableau ?
8. What do garter companies do ?
9. Work with Data Fields in the Data Pane

10. Downloading tableau desktop?
11. Connect to data sources?
12. Tableau UI ?
13. Live and Extract Connections?
14. Data Types in tableau?
15. Field types : Dimensions and Measures , Blue and Green
16. List of Predefined aggregations in Tableau
17. Understanding data types in calculations
18. View Data
19. Column Formatting - rename, copy, split
20. Column sorting
21. Grouping
22. Measure Names and Values , Usage
23. Discrete vs continuous
24. Combine
25. Parameters
26. Title and Caption
27. Granularity - breaking down data into pieces
28. Worksheet Interface
29. Managing Metadata
30. Cross database joins
31. Data Blending , Data blending - Calculation
32. Filter Shelf
33. Date Filters
34. Interactive Filters, Adv
35. Data Source Filters
36. Ways to filters
37. Format Filters
38. Marks Card
39. Formatting - alignment , shading,Font,borders
40. Calculation - Number Function, String Fun, Table Calculation, compute using

41. Conditional Formatting
42. Graphs - Bar- line , leveled, stacked, Bump, Tree Map, Funnel Chart, waterfall chart
43. Introduction to Map - with shape , map layers
44. Custom territories
45. Custom Geocoding
46. Religion population
47. Vehicle registration state wise
48. National Park
49. Worksheet Options
50. Highlighting
51. Action Filter
52. Action Highlighter
53. Action URL
54. Dashboard Intro, Dashboard webpage, Dash format
55. Story Point
56. Tableau device designer
57. Tableau Online

July 2025 -

Tableau storytelling

Tableau design rules -codebasics

Tableau Fundamentals by DataCamp: <https://datacamp.pxf.io/K0O9g9>

Data Analyst in Tableau by DataCamp: <https://datacamp.pxf.io/qzmNVL>

Tableau Certified Data Analyst: <https://datacamp.pxf.io/raLbR3>

DATA PORTFOLIO & RESUME: <https://mochen.info/>

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58. What is a floating and tilde

◆ Basic Tableau Understanding

1. **What is Tableau and how does it work?**
2. **Why do businesses prefer Tableau over Excel or other BI tools?**
3. **What are the key features of Tableau?**
4. **What are different Tableau products or tools? How do they differ (e.g., Tableau Desktop vs Tableau Server vs Tableau Public)?**

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- 5. **What is Tableau Public? Is it secure for sensitive data?**
 - 6. **What Permissions can be granted to users?**
 - 7. **What is a TSM, Getway, repository, vizQL server, Site, Projects, Workbooks?**
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- ◆ **Data Connection & Preparation**

- 6. **How do you connect Tableau to different data sources?**
 - 7. **What is the difference between live and extract connections?**
 - 8. **What is data blending? How is it different from a join?**
 - 9. **Can you explain cross-database joins and when you've used them?**
 - 10. **What are data source filters and how are they different from extract filters?**
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- ◆ **Tableau UI and Workflow**

- 11. **What is the use of the data pane in Tableau?**
 - 12. **What is the worksheet interface made of?**
 - 13. **What are Marks cards used for?**
 - 14. **How do you create and use parameters in Tableau?**
 - 15. **What are Dimensions and Measures? What does blue and green pill represent?**
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- ◆ **Data Types and Calculation**

- 16. **What are the supported data types in Tableau?**
- 17. **How do you handle string manipulation or date functions in Tableau?**
- 18. **What are table calculations and how do they differ from regular calculations?**

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- 19. How do you use calculated fields in Tableau?**
 - 20. Explain the difference between discrete and continuous fields.**
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- ◆ **Data Visualization**

- 21. What types of graphs have you created in Tableau?**
 - 22. How do you create a dual-axis chart?**
 - 23. What is a bump chart and when would you use it?**
 - 24. How do you use a tree map or funnel chart in business scenarios?**
 - 25. What's the difference between bar, stacked bar, and leveled bar charts?**
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- ◆ **Maps and Spatial Analysis**

- 26. How do you create custom geocoding in Tableau?**
 - 27. What is the use of map layers and shape files?**
 - 28. How can you create custom territories in Tableau?**
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- ◆ **Filtering & Interactivity**

- 29. What are different ways to filter data in Tableau?**
 - 30. What is an action filter? How do you use it on a dashboard?**
 - 31. How does interactive filtering improve dashboard performance?**
 - 32. What is a context filter and when should you use one?**
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- ◆ **Dashboarding & Storytelling**

33. **How do you build a dashboard? What are some best practices?**
 34. **What is a story point in Tableau and how is it different from a dashboard?**
 35. **How do you design dashboards for mobile/tablet using Tableau device designer?**
 36. **What are action highlighters and action URLs?**
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- ◆ **Formatting & Presentation**

37. **How do you apply conditional formatting in Tableau?**
 38. **What options are available in the Format pane (alignment, font, borders, etc.)?**
 39. **How do you change the title or add captions to worksheets?**
 40. **How do you manage worksheet options for visual impact?**
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- ◆ **Metadata & Performance**

41. **What is metadata in Tableau and how do you manage it?**
 42. **How do you optimize a slow Tableau dashboard?**
 43. **What is granularity and how does it affect performance and insight quality?**
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- ◆ **Industry & Tool Ecosystem**

44. **What does Gartner do and how is Tableau ranked in their Magic Quadrant?**
45. **What is Tableau Online and how does it compare to Tableau Server?**
46. **Where can Tableau reports be published or shared?**

47. Have you published to Tableau Public or Tableau Online? Describe the process.

Here are **interview questions tailored for Data Scientists** using Tableau:

◆ **1. Core Understanding**

1. What role does Tableau play in a data science workflow?
 2. Why would a data scientist choose Tableau instead of Python/Matplotlib for visualizations?
 3. How do you explain model results or patterns using Tableau dashboards?
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◆ **2. Data Handling & Preparation**

4. How do you handle large datasets or multiple data sources in Tableau?
 5. What's the difference between data blending and joins? When would you use blending over joins?
 6. Have you used Tableau Prep? If yes, how is it different from Tableau Desktop in terms of data cleaning?
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◆ **3. Advanced Visualizations**

7. How can you use Tableau to show the effect of an ML model (e.g., regression output, feature importance)?
8. How do you visualize clusters or anomalies in Tableau?
9. Have you ever used Tableau to present time series forecasts? If yes, how did you do it?

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- ◆ **4. Interactivity & Business Communication**
 10. **What interactive filters or parameters did you use to let stakeholders explore the data?**
 11. **Explain a scenario where a business decision was made based on your Tableau dashboard.**
 12. **How do you handle different stakeholder expectations while building dashboards?**

 - ◆ **5. Technical/Scenario-Based**
 13. **You have a model that outputs predictions. How will you present those in Tableau, showing both actuals vs predicted?**
 14. **If you have model accuracy metrics, how will you present them interactively on a dashboard?**
 15. **If a column has outliers affecting the visuals, what will you do in Tableau to fix or highlight that?**

 - ◆ **6. Integration with Data Science Tools**
 16. **Have you ever exported model output from Python/R to Tableau? What was the process?**
 17. **How do you handle model data versioning and updates in Tableau dashboards?**
 18. **Can you embed Tableau dashboards into web apps or internal portals? How?**

 - ◆ **7. Optimization & Maintenance**
 19. **What are some ways to improve performance of a slow Tableau dashboard?**

20. How do you manage dynamic data refresh and auto-updating dashboards in Tableau Online or Server?

 **Bonus: Behavioral Questions**

1. Tell me about a time when your dashboard helped uncover an insight the team didn't expect.
 2. Have you ever had to defend your data visualization choices to non-technical stakeholders? How did you handle it?
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POWER BI

POWER BI FUNDAMENTALS: <https://datacamp.pxf.io/Qj6Pvx>

POWER BI DATA ANALYST CERTIFICATION: <https://datacamp.pxf.io/Dyk0Zb>