



TABLEAU TRAINING

Creating Dashboards With Tableau

Learn to create powerful, interactive dashboards with Tableau to visualize data and gain actionable insights.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level course, "Creating Dashboards With Tableau," is meticulously designed to transform your raw data into compelling, interactive, and insightful dashboards. You will delve deep into Tableau's powerful visualization capabilities, moving beyond basic charts to construct professional-grade dashboards that tell a clear story and drive data-informed decision-making. The curriculum focuses on mastering the art and science of visual communication within the Tableau environment, equipping you with the skills to synthesize complex datasets into easily digestible formats for various stakeholders. Beyond merely dragging and dropping, you will learn to apply best practices in dashboard design, ensuring optimal user experience and impactful data presentation. We will cover advanced chart types, effective layout strategies, and powerful interactivity features like filters, parameters, and actions. By the end of this course, you will be proficient in designing, building, and publishing sophisticated Tableau dashboards that not only look great but also provide actionable intelligence, significantly enhancing your analytical and reporting capabilities in any professional setting.

Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

01 Module 1: Foundations of Dashboard Design and Data Connection

- Understanding Tableau Desktop interface for dashboard creation
- Connecting to diverse data sources (Excel, SQL, CSV)
- Data preparation basics: cleaning, blending, and relationships
- Principles of effective data visualization and dashboard layout
- Introduction to basic chart types for dashboard components

02 Module 2: Advanced Visualization Techniques for Dashboards

- Mastering advanced chart types (treemaps, heatmaps, scatter plots, dual-axis charts)
- Choosing the right visualization for different data stories
- Utilizing custom shapes and images for enhanced visual appeal
- Creating custom color palettes and formatting for consistency

03 Module 3: Building Interactive and User-Friendly Dashboards

- Designing intuitive dashboard layouts using containers
- Implementing interactive filters, highlight actions, and URL actions
- Leveraging parameters to empower user control and analysis
- Creating effective dashboard actions for drill-down and navigation
- Best practices for dashboard aesthetics and user experience (UX)

04 Module 4: Enhancing Dashboards with Calculations and Storytelling

- Introduction to calculated fields for advanced metrics (e.g., year-over-year growth)
- Using level of detail (LOD) expressions for complex aggregations within dashboards
- Creating compelling narratives using Tableau Stories
- Applying advanced formatting and annotations for clarity

05 Module 5: Publishing, Sharing, and Performance Optimization

- Publishing dashboards to Tableau Server, Tableau Cloud, or Tableau Public
- Managing permissions and data security for published content
- Understanding data refresh schedules and live connections vs. extracts
- Optimizing dashboard performance for speed and efficiency

- Exporting and embedding dashboards into other applications

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst specializing in data visualization**
- > **Data Visualization Specialist crafting interactive reporting tools**
- > **Reporting Analyst focused on developing dynamic and user-friendly dashboards**

FREQUENTLY ASKED QUESTIONS

Q: What level of prior Tableau experience is recommended before enrolling in the 'Creating Dashboards With Tableau' course?

This is an intermediate-level course. While a basic familiarity with Tableau Desktop interface and fundamental chart creation is beneficial, it's not strictly required. We'll quickly review foundational concepts, but the primary focus is on moving beyond basic visualizations to build sophisticated, interactive dashboards. Learners should be comfortable with navigating software interfaces and have a general understanding of data concepts.

Q: How will mastering dashboard creation in Tableau specifically enhance my ability to provide actionable insights in my role?

This course moves you beyond static reports to dynamic, interactive dashboards that allow stakeholders to explore data themselves. You will learn to integrate multiple visualizations, use filters and parameters for deeper analysis, and design layouts that highlight key performance indicators (KPIs) and trends. This skill set is critical for presenting data in a way that directly supports decision-making, allowing you to identify opportunities, track progress, and communicate complex information effectively to non-technical audiences.

Q: Does this course cover performance optimization techniques for dashboards, especially when dealing with large datasets or complex calculations?

Yes, absolutely. Module 5, 'Publishing, Sharing, and Performance Optimization,' specifically addresses this crucial aspect. You will learn strategies for optimizing dashboard load times, including efficient data source connections, using data extracts effectively, minimizing the number of marks, and understanding the impact of complex calculations like Level of Detail (LOD) expressions on performance. These techniques are vital for ensuring your dashboards remain responsive and valuable, even with growing data volumes.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors

have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke