



TABLEAU TRAINING

Tableau Workshop

Master Tableau to create compelling data visualizations and insightful dashboards for effective decision-making.

DURATION

40 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of data visualization with Computer Pride's Intermediate Tableau Workshop. This intensive 40-hour program is meticulously designed for professionals eager to transform raw, complex datasets into clear, compelling, and actionable insights using Tableau, the industry's leading visual analytics platform. Participants will delve deep into advanced data connection techniques, master intricate calculations including Level of Detail (LOD) expressions, and craft interactive dashboards that drive impactful business decisions. This course is not just about learning software; it's about developing a strategic approach to data storytelling, enabling you to uncover hidden patterns and communicate findings with unparalleled clarity.

By the end of this workshop, you will possess a robust skill set that empowers you to move beyond basic visualizations. You'll learn to optimize dashboard performance, implement advanced analytical functions, and design compelling narratives that resonate with stakeholders. The benefits extend far beyond technical proficiency; you will gain the confidence to lead data-driven initiatives, elevate your problem-solving capabilities, and position yourself as an invaluable asset in any data-centric organization. This workshop is your gateway to leveraging data for competitive advantage and professional growth.

Duration	40 hours
Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

01 Module 1: Advanced Data Connection & Preparation

- Connecting to diverse data sources (databases, cloud platforms, APIs)
- Understanding and managing data blends and joins (inner, left, right, full outer)
- Data Interpreter and Pivot functionality for data reshaping
- Working with live connections vs. extracts: performance and best practices
- Introduction to Tableau Prep for advanced data cleaning (conceptual overview)

02 Module 2: Advanced Calculations & Parameters

- Mastering calculated fields: numeric, string, date, and logical functions
- Table Calculations: specific dimensions, addressing, and partitioning
- Understanding and applying Level of Detail (LOD) expressions (FIXED, INCLUDE, EXCLUDE)
- Creating and utilizing parameters for dynamic analysis and user interaction
- Developing advanced filters, sets, and groups for granular control

03 Module 3: Complex Visualizations & Analytical Techniques

- Building advanced chart types: waterfall, funnel, Pareto, bump charts, Gantt charts
- Geospatial analysis: mapping techniques, custom territories, and dual-axis maps
- Forecasting, trend lines, and clustering for predictive insights
- Implementing reference lines, bands, and distributions for statistical context
- Advanced conditional formatting and custom formatting techniques

04 Module 4: Interactive Dashboards & Data Storytelling

- Principles of effective dashboard design and visual best practices
- Creating interactive dashboards using actions (filter, highlight, URL, Go to Sheet)
- Optimizing dashboard performance and user experience

- Developing compelling data stories for stakeholder communication
- Publishing and sharing workbooks on Tableau Server/Cloud and Tableau Public
- Introduction to embedding Tableau visualizations

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst**
- > **Data Visualization Specialist**
- > **Marketing Analytics Consultant**

FREQUENTLY ASKED QUESTIONS

Q: What are the prerequisites for enrolling in this Intermediate Tableau Workshop?

Participants should have a foundational understanding of Tableau Desktop, including basic navigation, connecting to data sources, and creating simple visualizations like bar charts and line graphs. Familiarity with fundamental data concepts and spreadsheet software (like Microsoft Excel) is also highly recommended to get the most out of this intermediate-level course.

Q: How will this workshop enhance my ability to craft professional, interactive data dashboards?

This workshop goes beyond basic dashboard creation by focusing on advanced design principles, performance optimization, and sophisticated interactivity. You will master dashboard actions, parameters, and Level of Detail (LOD) expressions to build highly dynamic and insightful dashboards. The skills learned will empower you to create compelling data stories that directly support data-driven decision-making in your organization, making your analytical output more impactful and user-friendly.

Q: Will I gain practical experience with real-world datasets and common business scenarios during the course?

Absolutely. This 40-hour workshop is highly hands-on and includes numerous practical exercises and case studies. You will work with diverse datasets simulating common business scenarios across various industries, applying advanced Tableau techniques to solve real-world analytical challenges. This practical approach ensures you develop confidence and proficiency in tackling complex data visualization tasks in your professional role.

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+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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