



TABLEAU TRAINING

Tableau Developer Course

Master Tableau development to build powerful, interactive dashboards. Transform complex data into clear, actionable business insights.

DURATION

8 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the full potential of your data with Computer Pride's intermediate Tableau Developer Course. This 8-hour intensive program is meticulously designed for aspiring and current data professionals eager to master the art and science of data visualization and business intelligence using Tableau, the industry-leading analytics platform. You will dive deep into connecting to diverse data sources, transforming raw data into actionable insights, and building compelling, interactive dashboards that drive strategic decisions. Throughout this course, you will gain hands-on expertise with Tableau Desktop, learning to harness its powerful features for data blending, advanced calculations, and sophisticated chart types. Beyond mere visualization, the curriculum focuses on best practices for designing user-friendly interfaces, optimizing dashboard performance, and creating dynamic, interactive reports that empower end-users. You will also touch upon aspects of publishing and sharing your creations, making you a well-rounded Tableau developer ready for real-world challenges. By completing this certification, you will not only enhance your technical proficiency but also significantly boost your value in the competitive job market. Employers highly seek professionals who can translate complex data into clear, impactful visual stories. This course equips you with the skills to effectively communicate insights, support data-driven strategies, and advance your career in various data-centric roles across industries.

Duration	8 hours
Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

01 Module 1: Foundations of Tableau Development

- Connecting to various data sources (Excel, Text, Databases, Cloud Data)
- Understanding Tableau Interface: Worksheets, Dashboards, Stories
- Data Interpreter, Data Blending, and Joins
- Introduction to Dimensions, Measures, Discrete, and Continuous fields

02 Module 2: Data Preparation and Advanced Calculations

- Creating Calculated Fields (String, Date, Logical, Number functions)
- Table Calculations and Level of Detail (LOD) Expressions (FIXED, INCLUDE, EXCLUDE)
- Grouping, Sets, and Bins for Data Organization
- Parameters for Dynamic Interaction

03 Module 3: Visual Analytics and Dashboard Design

- Building advanced chart types (treemaps, heatmaps, waterfall charts, dual-axis charts)
- Designing interactive dashboards with filters, highlights, and actions
- Best practices for dashboard layout and user experience (UX)
- Storytelling with Tableau: Creating compelling data narratives

04 Module 4: Performance Optimization and Best Practices

- Techniques for optimizing dashboard performance (extracts vs. live connections, filter design)
- Efficient data modeling and query optimization strategies
- Using Tableau features for performance monitoring
- Adhering to Tableau development standards and governance

05 Module 5: Publishing, Sharing, and Security

- Publishing workbooks to Tableau Server or Tableau Cloud
- Understanding permissions and user roles
- Scheduling data refreshes
- Embedding Tableau visualizations

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Tableau Developer**
- > **Business Intelligence Solutions Architect (with Tableau Specialization)**
- > **Data Visualization Engineer**

FREQUENTLY ASKED QUESTIONS

Q: What specific types of Tableau development projects will I be able to lead after completing this course?

Upon completion, you will be equipped to lead projects involving the development of complex, interactive executive dashboards, operational performance monitoring systems, detailed sales analytics reports, and custom data discovery tools. You'll be proficient in designing solutions that integrate multiple data sources, utilize advanced calculations, and incorporate robust performance optimizations for enterprise-level deployment.

Q: What foundational data analysis or database skills are recommended as prerequisites for this intermediate Tableau Developer course?

While not strictly mandatory, having a basic understanding of relational databases, SQL concepts, and fundamental data analysis principles will significantly enhance your learning experience. Familiarity with basic Excel functions and an analytical mindset for problem-solving with data are also beneficial. The course is designed for those looking to move beyond basic Tableau usage.

Q: Beyond creating basic dashboards, how does this course prepare me for performance tuning and deployment of Tableau solutions in an enterprise environment?

This course dedicates a significant module to performance optimization, covering techniques like efficient data extract usage, optimizing calculations, filter strategies, and dashboard design principles that prevent slowdowns. You will also learn about publishing workbooks to Tableau Server/Cloud, setting permissions, and scheduling refreshes, which are crucial for deploying and managing Tableau solutions effectively within an organizational context.

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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