



TABLEAU TRAINING

Tableau Intermediate Course

Deepen your Tableau expertise. Master complex visualizations, advanced calculations, and interactive dashboards for data-driven decisions.

DURATION

40 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This Tableau Intermediate Course is meticulously designed to elevate your data visualization and analysis skills beyond the foundational level. You will delve into sophisticated features of Tableau Desktop, enabling you to transform raw data into powerful, interactive, and insightful dashboards. The course emphasizes practical application, guiding you through advanced calculations, parameters, Level of Detail (LOD) expressions, and complex chart types, equipping you to uncover deeper patterns and trends within your datasets.

Upon completion, you will be proficient in creating dynamic, highly interactive dashboards and stories that drive informed decision-making. This program not only hones your technical skills but also enhances your ability to communicate complex data narratives effectively to stakeholders. It's ideal for professionals looking to master advanced data manipulation, analysis, and presentation techniques, significantly boosting your value in any data-driven role.

Duration	40 hours
Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

01 Module 1: Advanced Chart Types & Data Preparation Review

- Review of basic data connection and preparation
- Mastering advanced chart types: Treemaps, Heatmaps, Box Plots, Gantt Charts, Waterfall Charts
- Customizing visuals for impact and clarity
- Understanding data hierarchies and sets

02 Module 2: Advanced Calculations & Parameters

- Table Calculations: Running Sums, Percentages, Rank
- Creating and using Parameters for dynamic analysis
- Calculated Fields for complex scenarios (e.g., date calculations, string manipulation)
- Conditional formatting with calculations

03 Module 3: Level of Detail (LOD) Expressions

- Understanding the concept and importance of LOD expressions
- Fixed LOD expressions for aggregated values at specified dimensions
- Include LOD expressions for more granular calculations
- Exclude LOD expressions for removing dimensions from the view
- Practical application of LODs in various business contexts

04 Module 4: Advanced Dashboarding & Interactivity

- Designing highly interactive dashboards with multiple sheets
- Dashboard actions: Filter Actions, Highlight Actions, URL Actions
- Building effective drill-down and drill-through capabilities
- Layout containers and optimizing dashboard performance
- Creating compelling stories from dashboards

05 Module 5: Data Blending, Joins, and Performance

- Advanced data blending techniques and best practices
- Understanding different join types (Inner, Left, Right, Full Outer) and their use cases

- Optimizing Tableau workbooks for speed and efficiency
- Extracts vs. Live Connections: When to use which
- Monitoring and improving dashboard load times

06 Module 6: Geographic Mapping & Advanced Analytics

- Creating advanced geographic maps with custom geocoding
- Integrating spatial files and custom map layers
- Using Tableau's built-in analytic features: Forecasts, Trend Lines, Reference Lines
- Introduction to advanced statistical functions in Tableau
- Best practices for data storytelling and presentation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Data Analyst**
- > **Business Intelligence Developer**
- > **Data Visualization Engineer**

FREQUENTLY ASKED QUESTIONS

Q: How does this Tableau Intermediate Course differ from a foundational Tableau course, and what specific new skills will I acquire?

This intermediate course significantly builds upon basic Tableau knowledge by diving deep into advanced functionalities. While a foundational course covers basic chart types and simple dashboards, this program focuses on mastering complex calculations like LOD expressions, dynamic parameters, sophisticated dashboard interactivity using various actions, and performance optimization techniques. You will gain the ability to create highly customized, analytical solutions that address intricate business questions, moving beyond standard reporting to advanced insights.

Q: What are the essential prerequisites for enrolling in this Tableau Intermediate Course, and what foundational knowledge should I have?

To get the most out of this Tableau Intermediate Course, participants should have a solid grasp of Tableau Desktop fundamentals. This includes familiarity with connecting to various data sources, creating basic charts (bar, line, pie), understanding dimensions and measures, using basic filters, and constructing simple dashboards. Prior experience with basic calculated fields and an understanding of relational database concepts would also be highly beneficial.

Q: Upon completing this course, how will my ability to develop complex, business-critical dashboards and reports improve?

Completing this course will empower you to design and implement highly sophisticated and business-critical dashboards. You will be capable of integrating multiple data sources, employing advanced analytical expressions to derive nuanced insights, and building interactive storytelling elements that enable users to explore data dynamically. This enhanced skill set allows you to move from presenting 'what happened' to effectively explaining 'why it happened' and even 'what might happen next,' making your reports indispensable for strategic decision-making.

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

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READY TO ENROL?

Take the next step in your technology career.

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