



TABLEAU TRAINING

Analytics With Tableau Power Bi Course

Master data analysis with Tableau and Power BI. Learn to create powerful dashboards and reports for informed decision-making.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Analytics With Tableau Power BI Course at Computer Pride is an intensive, intermediate-level program designed to transform aspiring data professionals and business users into proficient data visualization and business intelligence specialists. In today's data-driven landscape, the ability to derive actionable insights from complex datasets is paramount. This course empowers you with mastery over two industry-leading tools: Tableau and Microsoft Power BI, enabling you to connect, transform, visualize, and share data effectively to support strategic decision-making within any organization. You will move beyond basic charting to build sophisticated, interactive dashboards and reports that tell compelling data stories. This comprehensive training covers the entire analytics lifecycle, from understanding data sources to publishing and securing your insights. You'll gain practical experience in data cleaning, data modeling, calculated fields, DAX expressions, and advanced visualization techniques, ensuring you can tackle real-world business challenges with confidence. By the end of this course, you will possess a versatile skill set that is highly sought after across various industries. You'll be adept at translating raw data into clear, concise, and impactful visual representations, making you an invaluable asset for any team aiming to leverage data for growth and efficiency. This expertise will not only enhance your professional profile but also open doors to specialized roles in the burgeoning field of business intelligence and analytics.

Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

- 01 Module 1: Foundations of Business Intelligence & Data Prep**
 - Introduction to BI and Analytics Landscape
 - Understanding Data Sources and Connectors
 - Data Cleaning and Transformation using Power Query Editor (Power BI)
 - Data Preparation and Blending in Tableau Prep/Desktop
 - Basic Data Modeling Concepts
- 02 Module 2: Tableau Fundamentals and Visualization Techniques**
 - Connecting to Various Data Sources in Tableau
 - Creating Basic and Advanced Chart Types (Bars, Lines, Pies, Maps)
 - Working with Calculated Fields and Parameters
 - Building Interactive Dashboards and Stories in Tableau
 - Applying Filters, Actions, and Set Actions for Dynamic Analysis
- 03 Module 3: Power BI Data Modeling and DAX**
 - Connecting to Multiple Data Sources in Power BI
 - Advanced Data Modeling: Relationships and Cardinality
 - Introduction to Data Analysis Expressions (DAX)
 - Creating Measures and Calculated Columns with DAX
 - Time Intelligence Functions and Advanced DAX Patterns
- 04 Module 4: Power BI Reporting and Interactive Design**
 - Designing Effective Power BI Reports and Pages
 - Utilizing Various Visualizations (Tables, Matrices, Cards, Slicers)
 - Implementing Drill-through, Tooltips, and Bookmarks
 - Creating Custom Visuals and Conditional Formatting
 - Best Practices for Report Layout and User Experience

05 Module 5: Advanced Analytics and Sharing Insights

- Performing Basic Statistical Analysis in Tableau and Power BI
- Forecasting and Trend Analysis with BI Tools
- Publishing and Sharing Dashboards/Reports to Tableau Server/Cloud
- Publishing and Managing Reports in Power BI Service
- Introduction to Data Security and Row-Level Security (RLS) in both platforms

06 Module 6: Capstone Project & Performance Optimization

- End-to-End Analytics Project: From Data to Dashboard
- Performance Optimization Techniques for Large Datasets
- Best Practices for Data Storytelling and Presentation
- Review of Key Concepts and Q&A
- Exploring Advanced Features and Future Trends

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst**
- > **Data Visualization Specialist**
- > **Reporting and Analytics Consultant**

FREQUENTLY ASKED QUESTIONS

Q: What prior experience or technical skills are recommended before enrolling in the Analytics With Tableau Power BI Course?

This intermediate course assumes you have a foundational understanding of data concepts, such as basic spreadsheet operations (Excel), a logical approach to problem-solving, and a general familiarity with business reporting. While no prior experience with Tableau or Power BI is required, a basic understanding of relational databases or SQL can be beneficial but is not mandatory. We focus on building skills from the ground up within these specific BI tools.

Q: How will mastering both Tableau and Power BI in this course specifically enhance my ability to generate actionable business insights?

By gaining proficiency in both Tableau and Power BI, you become incredibly versatile. You'll learn to leverage Tableau's robust visual exploration capabilities for deep dives and dynamic storytelling, alongside Power BI's powerful data modeling with DAX and seamless integration with the Microsoft ecosystem. This dual expertise allows you to select the best tool for specific business needs, interpret complex data from various sources, create comprehensive dashboards, and present insights in a way that directly informs strategic decisions across different organizational environments.

Q: Will this course include practical projects or case studies that simulate real-world data analysis challenges for my portfolio?

Absolutely. This course is heavily hands-on and includes numerous practical exercises, labs, and a comprehensive capstone project. You will work with diverse datasets and tackle real-world business scenarios, applying all learned concepts to build complete dashboards and reports in both Tableau and Power BI. This practical experience is designed to help you not only solidify your skills but also to create a strong portfolio of work that demonstrates your capabilities to

potential employers.

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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