



TABLEAU TRAINING

Tableau Prep Course

Master Tableau Prep to clean, transform, and prepare your data efficiently. Automate complex data flows for impactful analytics.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

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COURSE OVERVIEW

This intermediate-level Tableau Prep Course is meticulously designed for data professionals seeking to master the art of data preparation, ensuring clean, transformed, and ready-to-analyze datasets. Over 16 intensive hours, you will delve into Tableau Prep Builder, learning how to connect to diverse data sources, clean messy data, reshape information for optimal analysis, and combine disparate datasets with precision. This course is crucial for anyone who has experienced the challenges of working with raw, untidy data and understands that data preparation is the foundational step for accurate and insightful analytics. You'll gain practical experience in building robust data flows that automate repetitive tasks, saving significant time and reducing errors.

By the end of this course, you will be proficient in using Tableau Prep to streamline your data workflow, enabling you to spend less time cleaning and more time analyzing and deriving actionable insights. The skills acquired will not only enhance your productivity but also significantly improve the reliability and integrity of your analytical outcomes. This certification will empower you to deliver high-quality data to Tableau Desktop or other analytical tools, positioning you as a valuable asset in any data-driven organization. Elevate your data preparation capabilities and build a solid foundation for advanced business intelligence.

Duration	16 hours
Level	Intermediate
Vendor	Tableau

COURSE CURRICULUM

01 Module 1: Introduction to Tableau Prep and Data Preparation Fundamentals

- Understanding the importance of data preparation in the analytics workflow
- Overview of Tableau Prep Builder interface and functionalities
- Connecting to various data sources (files, databases, cloud data)
- Exploring data profiles and initial data quality assessment
- Introduction to 'Flows' and their role in data transformation

02 Module 2: Basic Cleaning and Reshaping Techniques

- Handling null values and missing data
- Cleaning inconsistent data (typos, extra spaces, case issues)
- Changing data types and formats
- Splitting and combining fields
- Pivoting and unpivoting data for optimal structure

03 Module 3: Combining Data: Joins, Unions, and Aggregations

- Understanding different types of joins (Inner, Left, Right, Full Outer)
- Performing Unions to stack data
- Aggregating data to different levels of detail
- Utilizing the 'Group and Replace' feature for categorical data
- Troubleshooting join and union issues

04 Module 4: Advanced Transformations and Flow Control

- Creating calculated fields and parameters for dynamic transformations
- Implementing conditional logic and regular expressions
- Using scripts (R/Python) within Tableau Prep for advanced operations

- Branching and merging flows for complex data pipelines
- Documenting and organizing your Tableau Prep flows

05 Module 5: Output, Automation, and Best Practices

- Publishing cleaned data to Tableau Server/Cloud
- Exporting data to various formats (Hyper, CSV, databases)
- Scheduling flows with Tableau Prep Conductor (overview)
- Performance optimization tips for large datasets
- Best practices for building robust, maintainable, and efficient data preparation flows

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Developer (focusing on data pipeline efficiency)**
- > **Data Analyst (specializing in data quality and preparation)**
- > **Data Steward / Data Governance Analyst (ensuring data integrity before analysis)**

FREQUENTLY ASKED QUESTIONS

Q: What specific types of data challenges will I be able to solve after completing this Tableau Prep course?

Upon completing this course, you will be equipped to tackle common data challenges such as inconsistent data entry, duplicate records, mismatched data types, incorrect aggregations, and the need to combine disparate data sources that don't immediately align. You'll gain the skills to transform raw, messy datasets into clean, structured, and analysis-ready formats, significantly improving the accuracy and reliability of your reports and dashboards.

Q: Do I need prior experience with Tableau Desktop to take this Tableau Prep course?

While familiarity with Tableau Desktop is beneficial as it provides context for why data preparation is crucial, it is not a strict prerequisite. This course focuses specifically on Tableau Prep Builder, a distinct tool. However, a basic understanding of data concepts, such as fields, records, and different data types, will greatly enhance your learning experience.

Q: How will mastering Tableau Prep enhance my career prospects as a data professional?

Mastering Tableau Prep positions you as a highly efficient and reliable data professional capable of ensuring data quality, which is paramount in any data-driven role. You'll be able to create robust, repeatable data pipelines, reducing manual effort and errors. This skill set is highly sought after by employers looking for Data Analysts, BI Developers, and Data Stewards who can deliver accurate insights quickly and contribute to a stronger data governance framework within an organization.

ABOUT COMPUTER PRIDE



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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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Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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