Tableau Prep Builder Training Course

Professional Development Training Course Outline

Category	Business Intelligence	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In the modern era of digital transformation and data-driven decision-making, organizations are increasingly dependent on high-quality, well-structured data to gain actionable insights and maintain a competitive edge. Tableau Prep Builder is a leading data preparation tool that empowers professionals to efficiently clean, shape, and combine raw data into reliable datasets ready for analysis. Tableau Prep Builder Training Course is designed to provide in-depth knowledge of data wrangling, ETL workflows, and data transformation techniques, enabling learners to build scalable and automated data pipelines. Participants will gain hands-on experience with real-world datasets while mastering data profiling, data cleansing, and workflow optimization using Tableau Prep Builder.

With the rapid growth of big data analytics, cloud integration, and business intelligence solutions, the demand for skilled data professionals continues to rise. This training focuses on trending industry skills such as data automation, predictive analytics preparation, data blending, and advanced data governance. Learners will develop the ability to handle complex data challenges, improve data quality, and streamline analytics processes. By the end of this course, participants will be equipped with practical, job-ready skills to support enterprise analytics, enhance reporting accuracy, and drive strategic business outcomes.

Programme Curriculum

Tableau Prep Builder Training Course

Introduction

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Course Objectives

1. Understand advanced data preparation and data transformation concepts
2. Master Tableau Prep Builder interface and workflow optimization
3. Apply data cleaning and data quality management techniques
4. Perform advanced data blending and data integration
5. Design and implement ETL workflows and data pipelines
6. Automate data preparation processes for efficiency
7. Implement data governance and compliance strategies
8. Optimize performance for large-scale data processing
9. Create reusable and scalable data workflows
10. Integrate Tableau Prep with enterprise analytics platforms
11. Prepare datasets for predictive analytics and machine learning
12. Troubleshoot and debug complex data workflows
13. Develop end-to-end data transformation solutions

Organizational Benefits

- Enhanced data accuracy and consistency across systems
- Improved decision-making through reliable analytics
- Increased productivity with automated data workflows
- Reduced operational costs in data management
- Strengthened data governance and compliance frameworks
- Faster delivery of business intelligence insights
- Improved collaboration between analytics teams
- Scalable data infrastructure for organizational growth
- Seamless integration of multiple data sources
- Competitive advantage through advanced analytics capabilities

Target Audiences

1. Data Analysts
2. Business Intelligence Professionals
3. Data Engineers
4. IT Professionals
5. Financial Analysts
6. Marketing Analysts
7. Operations Managers
8. Students and Graduates in Data Science

Course Duration: 5 days

Course Modules

Module 1: Introduction to Tableau Prep Builder

- Overview of data preparation concepts
- Tableau Prep Builder interface and navigation
- Connecting to various data sources
- Understanding data profiling and metadata
- Introduction to data workflow creation
- Case Study: Preparing raw operational data for reporting

Module 2: Data Cleaning and Profiling

- Identifying data quality issues and anomalies
- Handling missing values and null records
- Removing duplicates and inconsistencies
- Standardizing data formats and structures
- Applying data validation rules
- Case Study: Cleaning customer data for improved analytics

Module 3: Data Transformation Techniques

- Pivoting and aggregating datasets
- Splitting and merging data fields
- Creating calculated and derived fields
- Data type conversions and formatting
- Structuring datasets for business intelligence
- Case Study: Transforming financial data for dashboards

Module 4: Data Joining and Blending

- Understanding joins, unions, and relationships
- Combining multiple data sources
- Managing data blending strategies
- Resolving data conflicts and mismatches
- Optimizing data joins for performance
- Case Study: Integrating sales and marketing datasets

Module 5: Workflow Automation and Scheduling

- Designing automated data workflows
- Scheduling and refreshing data processes
- Creating reusable workflow templates
- Integrating workflows with Tableau Server
- Monitoring workflow execution and logs
- Case Study: Automating recurring business reports

Module 6: ETL Processes and Data Integration

- Understanding ETL architecture and concepts

- Extracting data from databases and cloud platforms
- Transforming data for analytics readiness
- Loading data into target systems
- Designing efficient data pipelines
- Case Study: Building an ETL pipeline for retail data

Module 7: Performance Optimization and Scalability

- Optimizing data flow performance
- Reducing processing time and resource usage
- Handling large datasets efficiently
- Applying scalability best practices
- Using performance monitoring tools
- Case Study: Enhancing performance of large-scale datasets

Module 8: Advanced Data Preparation and Governance

- Advanced calculations and data manipulation
- Preparing data for predictive analytics
- Implementing data governance frameworks
- Error handling and workflow debugging
- Best practices for enterprise data management
- Case Study: Preparing a dataset for predictive modeling

Training Methodology

- Instructor-led interactive training sessions
- Hands-on practical exercises with real datasets
- Real-world case studies and industry scenarios
- Group discussions and collaborative learning activities
- Live demonstrations using Tableau Prep Builder
- Project-based assignments and assessments
- Continuous feedback and performance evaluation
- Access to digital learning resources and materials

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com