TechnoMaster

NESTSOFT

Course: Tableau Training

Duration: Hrs (Changeable) | Fees: Individual / Batch

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- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking

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Syllabus on the Next Page ..

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Tableau Training Syllabus

1. Introduction to Tableau

✳ What is Tableau?

✳ Importance of Data Visualization

✳ Overview of Tableau Products:

✳ Tableau Desktop

✳ Tableau Server

✳ Tableau Online

✳ Tableau Public

✳ Tableau Prep

✳ Installation and System Requirements

2. Getting Started with Tableau

✳ Understanding Tableau Interface

✳ Connecting to Data Sources:Excel

✳ Databases (SQL, Oracle, etc.)

✳ Cloud Services (Google Sheets, AWS, etc.)

✳ Web Data Connectors

✳ Types of Data Connections: Live and Extract

✳ Saving and Sharing Workbooks

3. Data Preparation in Tableau

✳ Data Types and FieldsData Blending

✳ Data Joins (Inner, Left, Right, Full)

✳ Unions in TableauData Cleaning with Tableau Prep

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* Splitting fields

* Pivoting data

* Removing nulls and duplicates

4. Creating Visualizations

* Basic Visualizations:Bar Charts

* Line ChartsPie ChartsScatter Plots

* Heat MapsAdvanced Visualizations:

* Tree MapsBubble ChartsGantt Charts

* Waterfall ChartsBox and Whisker Plots

* Geospatial Analysis:Maps and Geographic Visualizations

* Custom Geocoding

5. Calculations in Tableau

* Types of Calculations:Basic Calculations

* Table Calculations

* LOD (Level of Detail) Expressions:

* FixedInclude

* Exclude

* String Functions

* Date Functions

* Aggregate Functions

6. Sorting and Filtering Data

* Sorting Data in Visualizations

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* Filters:Dimension Filters

* Measure FiltersContext Filters

* Top N Filters

* Filtering Across Multiple Data Sources

7. Parameters in Tableau

* What are Parameters?

* Creating and Using Parameters

* Dynamic Visualizations with Parameters

* Use Cases for Parameters

8. Dashboards and Stories

* Creating Dashboards:

* Adding Sheets to Dashboards

* Customizing Layouts

* Interactive Dashboard Elements

* Dashboard Actions:

* Filter ActionsHighlight Actions

* URL Actions

* Creating and Sharing Stories

9. Advanced Tableau Features

* Data Extraction and Performance Optimization

* Sets and Groups

* Using Tableau with Big Data

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* Tableau Extensions

* Animations in Tableau Visualizations

10. Tableau Server and Online

* Introduction to Tableau Server

* Publishing Workbooks to Tableau Server/Online

* Managing Permissions and Access

* Data Refresh and Scheduling

* Tableau Server Administration Basics

11. Tableau Integration and APIs

* Tableau and R Integration

* Tableau and Python (TabPy) Integration

* Tableau Extensions API Overview

* Embedding Tableau in Applications

12. Tableau Certification Guidance

* Tableau Certification Overview:

* Tableau Desktop Specialist

* Tableau Desktop Certified Associate

* Tableau Certified Data Analyst

* Exam Preparation Tips

* Practice Questions and Real-World Scenarios

13. Industry-Specific Use Cases

* Tableau for Retail Analytics

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* Tableau for Healthcare Analytics

* Tableau for Financial Analytics

* Tableau for Marketing Analytics

14. Hands-On Projects

* Sales Analysis Dashboard

* Customer Segmentation

* Financial Performance Analysis

* Geospatial Data Visualization

15. Advanced Topics (Optional)

* Tableau Prep Advanced Techniques

* Tableau with Machine Learning

* Advanced Dashboard Design Principles

* Exploring Tableau Public Gallery

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.

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