Global Horizon
TRAINING CENTER

Training Course:
Data Analysis and Dashboard Reporting in
Tableau

18 - 22 May 2025
Dubai (UAE)
Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course:
Data Analysis and Dashboard Reporting in Tableau

Training Course code: IT235846 From: 18 - 22 May 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 4900 ⏺ Euro

Introduction

In today's data-driven world, organizations require professionals who can transform raw data into actionable insights. Tableau is a powerful data visualization tool that enables users to analyze and present data effectively. This training program is designed to equip participants with the knowledge and skills required to perform data analysis, visualization, and interactive dashboard creation using Tableau.

Target Audience

This course is designed for:

- Data analysts, business analysts, and reporting specialists.

- Financial and marketing professionals who need to create dashboards.

- IT professionals and data engineers interested in visualization.

- Anyone looking to gain expertise in data visualization and analytics.

Objectives

By the end of this training, participants will be able to:

1. Understand the fundamentals of data analysis and visualization.

2. Use Tableau to connect, transform, and analyze data.

3. Design interactive dashboards and insightful reports.

4. Apply calculated fields, parameters, and filters for deeper insights.

5. Publish and share dashboards for decision-making.

Training Methodology

- Hands-on practice using Tableau.

- Real-world case studies and interactive exercises.

- Step-by-step dashboard building from raw data.

- Q&A sessions and practical applications.

Course Outlines:

Day 1: Introduction to Tableau and Data Analysis

- Overview of Tableau and its capabilities.

- Understanding data visualization principles.

- Connecting to different data sources Excel, databases, web data.

- Data preparation and cleaning techniques.

- Introduction to Tableau interface and components.

Day 2: Building Basic Data Visualizations

- Working with dimensions and measures.

- Creating bar charts, line charts, and scatter plots.

- Using filters, sorting, and grouping data.

- Understanding aggregation and granularity in Tableau.

- Applying basic calculations and table calculations.

Day 3: Advanced Data Visualization and Interactivity

- Using dual-axis charts, maps, and trend lines.

- Creating calculated fields and parameters for deeper insights.

- Implementing hierarchies and drill-down analysis.

- Building interactive filters and actions in dashboards.

- Optimizing dashboards for better performance.

Day 4: Dashboard Design and Reporting

- Best practices for dashboard storytelling.

- Designing effective and engaging dashboards.

- Using tooltips, annotations, and formatting for clarity.

- Implementing dynamic filtering and user controls.

- Publishing and sharing dashboards in Tableau Server/Online.

Day 5: Real-World Applications and Case Studies

- Applying business intelligence techniques with Tableau.

- Working on real-world projects and industry case studies.

- Advanced data blending and joins.

- Automating data updates and reporting.

- Final project: Building a complete interactive dashboard.

Registration form on the Training Course:
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