London TDM

Artificial Intelligence and Data Science Training Courses

Course Venue: United Kingdom - London

Course Date: From 14 June 2026 To 18 June 2026

Course Place: London Paddington

Course Fees: 7,500 USD

Introduction

This 5-day professional course is designed to provide participants with in-depth knowledge and hands-on experience in data visualization using Power BI and Tableau. Participants will explore the core features of both tools, learn best practices for creating compelling data visualizations, and understand how to effectively communicate insights through data stories.

Objectives

- To understand the fundamental concepts of data visualization.
- To gain proficiency in using Power BI and Tableau for creating visualizations.
- To learn how to connect and transform data from various sources.
- To develop skills to design interactive and insightful dashboards.
- To explore advanced analytics features in Power BI and Tableau.

Course Outlines

Day 1: Introduction to Data Visualization and Power BI

- Overview of Data Visualization concepts and importance.
- Introduction to Power BI – features and capabilities.
- Power BI Desktop installation and setup.
- Data acquisition and preparation in Power BI.
- Creating basic visualizations using Power BI.

Day 2: Advanced Power BI Techniques

- Data modeling and transformations in Power BI.
- Introduction to DAX (Data Analysis Expressions).
- Designing and sharing Power BI reports.
- Creating interactive dashboards in Power BI.
- Exploring Power BI service and publishing reports.

Day 3: Introduction to Tableau

- Overview of Tableau and its features.
- Navigating the Tableau interface and terminology.
- Connecting to different data sources in Tableau.
- Building basic charts and graphs with Tableau.
- Understanding Tableau's Show Me panel.

Day 4: Advanced Tableau Techniques

- Data blending and joining in Tableau.
- Using calculations and LOD expressions.
- Developing interactive dashboards in Tableau.
- Exploring Tableau's advanced analytics features.
- Publishing and sharing Tableau dashboards.

Day 5: Comparative Analysis and Case Studies

- Comparing Power BI and Tableau – strengths and best use cases.
- Hands-on case studies and real-world data visualization challenges.
- Creating data stories and actionable insights.
- Best practices in data visualization design.
- Course review and Q&A session.