



London TDM

# Information Technology and Digital Transformation Training Courses

**Course Venue:** United Kingdom - London

**Course Date:** From 02 August 2026 To 06 August 2026

**Course Place:** London Paddington

**Course Fees:** 7,500 USD

## Introduction

In today's fast-paced business environment, leveraging data for strategic decision-making is crucial. This intensive 5-day course on "Business Intelligence and Data Warehousing" is designed to equip professionals with the knowledge and skills necessary to harness data effectively. Participants will learn how to build, manage, and utilize data warehouses, and use business intelligence tools to analyze and present data insights that can drive business success.

- Understand the fundamentals of data warehousing and business intelligence
- Learn to design and implement data warehouse architectures
- Gain proficiency in ETL (Extract, Transform, Load) processes
- Utilize business intelligence tools for data analysis and reporting
- Develop strategic insights from data to support decision-making

## Course Outlines

### Day 1: Introduction to Business Intelligence and Data Warehousing

- Overview of Business Intelligence and its importance
- Introduction to Data Warehousing concepts
- Key components of BI architecture
- Understanding data sources and data integration
- Trends and future directions in BI and data warehousing

### Day 2: Data Warehousing Architecture and Design

- Data warehousing architecture overview
- Designing a data warehouse: layers and components
- Star schema vs. snowflake schema
- Data modeling techniques
- Case studies of data warehouse design

### Day 3: ETL Process and Data Integration

- Understanding the ETL process: Extract, Transform, Load
- Tools for ETL and data integration
- Data quality management
- Best practices in ETL implementation
- Hands-on ETL lab session

### Day 4: Business Intelligence Tools and Techniques

- Overview of popular BI tools
- Data visualization best practices
- Creating dashboards and reports
- Self-service BI: empowering users
- Interactive session: Utilizing BI tools for data analysis

### Day 5: Advanced Analytics and Case Studies

- Introduction to advanced analytics
- Predictive and prescriptive analytics
- Case studies on successful BI implementations
- Developing strategic insights from data
- Group project presentations and feedback