



London TDM

Information Technology and Digital Transformation Training Courses

Course Venue: United Arab Emirates - Dubai

Course Date: From 16 November 2025 To 20 November 2025

Course Place: Downtown Dubai

Course Fees: 5,000 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