London TDM

Artificial Intelligence and Data Science Training Courses

Course Venue: United Arab Emirates - Dubai

Course Date: From 31 May 2026 To 04 June 2026

Course Place: Downtown Dubai

Course Fees: 5,000 USD

Introduction

In the rapidly evolving digital landscape, integrating artificial intelligence with business intelligence systems can significantly enhance decision-making processes and operational efficiencies. This 5-day professional course, "Business Intelligence with AI Integration," is designed to equip participants with the knowledge and skills to seamlessly incorporate AI technologies into BI platforms, driving innovative business solutions and fostering data-driven cultures.

Objectives

- Understand the fundamentals of business intelligence and artificial intelligence.
- Explore AI technologies and their role in enhancing BI capabilities.
- Learn how to integrate AI tools with modern BI platforms.
- Develop strategies for data-driven decision-making and operational efficiency.
- Implement AI-driven solutions to real-world business problems.

Course Outlines

Day 1: Introduction to Business Intelligence and AI

- Overview of Business Intelligence: Concepts and Importance
- Understanding Artificial Intelligence: Key Principles and Technologies
- Comparison of BI and AI: Convergence and Synergy
- Basic AI Applications in BI: Use Cases and Benefits
- Setting the Stage: Course Goals and Expectations

Day 2: AI Technologies and Tools

- Exploring AI Technologies: Machine Learning, NLP, and Computer Vision
- Introduction to AI Tools: TensorFlow, PyTorch, and More
- Data Collection and Preparation: The Foundation of AI Success
- Generating Insights: The Role of Predictive Analytics
- Workshop: Hands-on Experience with Basic AI Tools

Day 3: Integrating AI with BI Platforms

- Combining AI and BI: Methodologies and Approaches
- AI Tool Integration: Best Practices and Challenges
- Case Studies: Successful AI-BI Integrations
- Data Visualization with AI: Enhancing User Experience
- Interactive Session: Building a Simple AI-Enhanced BI Dashboard

Day 4: Data-Driven Decision Making

- Developing a Data-Driven Culture: Strategies and Benefits
- How AI Enhances Decision-Making Processes
- BI and AI in Action: Simulating Business Scenarios
- Overcoming Data Challenges: Ensuring Data Quality and Security
- Collaborative Workshop: Designing Data-Driven Strategies

Day 5: Implementing AI-Driven Solutions

- Identifying Business Problems for AI Solutions
- Implementing AI Models: From Prototype to Production
- Evaluating AI System Performance: Metrics and KPIs
- Future Trends: The Evolution of AI in Business Intelligence
- Final Project Presentation and Feedback