



London TDM

# Artificial Intelligence and Data Science Training Courses

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 19 October 2025 To 23 October 2025

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

In today's data-driven world, organizations need robust systems to manage their data assets efficiently and effectively. This 5-day professional course on "Data Governance and Quality Management" is designed to provide participants with comprehensive knowledge and practical skills to establish, maintain, and enhance data governance frameworks and ensure high data quality standards throughout their organizations. By the end of the course, participants will be equipped with the tools and strategies necessary to optimize data utilization, mitigate risks, and sustain compliance.

- Understand the principles and importance of data governance
- Learn how to develop and implement data governance frameworks
- Identify and address data quality challenges and solutions
- Gain insights into regulatory compliance and risk management
- Explore tools and technologies for data governance and quality management

## Course Outlines

### Day 1: Introduction to Data Governance

- Definition and significance of data governance
- Core components of effective data governance
- Understanding roles and responsibilities
- Assessing current data governance maturity
- Formulating a strategic data governance plan

### Day 2: Developing a Data Governance Framework

- Key elements of a data governance framework
- Designing data policies and standards
- Building data stewardship roles
- Implementing data governance councils
- Case studies of successful frameworks

### Day 3: Data Quality Management

- Understanding data quality dimensions
- Techniques for data profiling and assessment
- Strategies to improve data quality
- Data quality tools and technologies
- Monitoring and reporting data quality metrics

### Day 4: Regulatory Compliance and Risk Management

- Overview of data protection regulations (e.g., GDPR, CCPA)
- Impact of compliance on data governance
- Identifying and managing data risks
- Data privacy and ethical considerations
- Developing risk management frameworks

## **Day 5: Tools and Technologies for Data Governance**

- Evaluating data governance platforms and tools
- Implementation of data management technologies
- Leveraging metadata for governance
- Integration with existing IT infrastructure
- Future trends in data governance technology