

DATA MANAGEMENT



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TRAINING TITLE

DATA MANAGEMENT

VENUE

Dubai, UAE

DURATION

5 Days

DATES

20 - 24 November 2022

PRICE

US\$4,000 per attendee including training material/handouts, morning/afternoon coffee breaks and Lunch buffet.

TRAINING INTRODUCTION

Data management plays a significant role in an organization's ability to generate revenue, control costs and mitigate risks. Successfully being able to share, store, protect and retrieve the ever-increasing amount of data can be the competitive advantage needed to grow in today's business environment. Data Management plays a key role in helping an organization mitigate risks.

This course provides an overview of data management. The need to deliver good data management is increasingly being seen as providing advantage across the industry, since wise business decision depends on sound data and information.

TRAINING OBJECTIVES

This course focuses on the techniques and applications data management and analysis. Typically, focuses on understanding the data, empirical model building using observational data for characterization, estimation, inference and prediction.

Participants will leave this course with an understanding of the core data types, their use in the business, and data management issues facing companies. You will have the knowledge and tools to participate in developing a structured data management frame work, which deal with issues in all practical and effective manners to ensure efficiency and effectiveness.

Participants will study the theory, principles and methods for data management and analysis of observational data. Participants will develop empirical model building skills and be able to employ the models for characterization, estimation and prediction purposes.

TRAINING AUDIENCE

This course is intended for Operators, Engineers, managers and decision makers in various industrial and service sectors, private and public fields that need a tool to plan for the future of their company. Strategic planning managers, research and development managers, general managers, and can be tailored according to company's specific needs.

TRAINING OUTLINE

Below topics will be covered in detail:

PART I: Data Management

- Resource and Data types: definitions
- Common data management issues: causes of data issues, data management best practices, business impact
- Overview of data management: definition, data lifecycle, importance and value of data management, benefits of good data management, business case aspects and barriers
- Data management framework:
 - Data Governance
 - Data Architecture Management
 - Data Security Management
 - Data Development
 - Data Operation Management
 - Data Warehousing & Business Intelligence Management
 - Document & Content Management
 - Reference and Master Data Management
 - Data Quality Management
 - Meta Data Management
- Data loading & Data quality control
- To know for what Data are important

- Data Presentation
- Data Interpretation
- Best practices

PART II: DATA ANALYSIS

- Introduction to Statistics and data description
- Sampling Distribution
- Case Study
- Parameter Estimation
- Testing of Hypotheses
- Case Study
- Simple Linear regression
- Multiple Linear Regression
- ANOVA Tables
- Case Study

TRAINING CERTIFICATE

MAESTRO CONSULTANTS Certificate of Completion for delegates who attend and complete the training course

METHODOLOGY

Our courses are highly interactive, typically taking a case study approach that we have found to be an effective method of fostering discussions and transferring knowledge. Participants will learn by active participation during the program through the use of individual exercises, questionnaires, team exercises, training videos and discussions of “real life” issues in their organizations.

The material has been designed to enable delegates to apply all of the material with immediate effect back in the workplace.