



Information Technology

## Data-Driven Technology Analysis

## Course Introduction

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This course focuses on using data analytics to inform technology analysis and decision-making. Participants will learn how to leverage data to evaluate technologies and their potential impact.

## Target Audience

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1. Data Analyst
2. Business Intelligence Analyst
3. Data Scientist
4. IT Analyst
5. Technology Consultant
6. Systems Analyst
7. Digital Transformation Manager
8. Product Manager
9. Chief Data Officer (CDO)
10. Big Data Engineer

## Learning Objectives

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- Understand the role of data in technology analysis
- Learn to use data analytics tools for technology evaluation
- Develop skills in interpreting and presenting technology data
- Gain insights into predictive analytics for technology trends

# Course Outline

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- **Day 01**

Data Fundamentals in Technology Analysis

- Introduction to data-driven decision making
- Key data sources for technology analysis
- Data quality and management in technology contexts

- **Day 02**

Analytics Tools for Technology Evaluation

- Overview of analytics tools and platforms
- Hands-on workshop with analytics software
- Case studies in data-driven technology decisions

- **Day 03**

Interpreting and Visualizing Technology Data

- Data visualization techniques for technology analysis
- Interpreting complex technology datasets
- Communicating data insights to stakeholders

- **Day 04**

Predictive Analytics in Technology Trends

- Introduction to predictive modeling
- Applying predictive analytics to technology forecasting
- Hands-on session: Building a predictive model

- **Day 05**

Implementing Data-Driven Technology Strategies

- Integrating data analytics into technology decision processes
- Overcoming challenges in data-driven technology analysis
- Action planning for data-driven technology management

# Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 28, 2025	May 2, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
July 28, 2025	Aug. 1, 2025	5 days	4250.00 \$	UAE - Dubai
Oct. 12, 2025	Oct. 16, 2025	5 days	2150.00 \$	Virtual - Online
Nov. 23, 2025	Nov. 27, 2025	5 days	4250.00 \$	KSA - Riyadh