

AI and Data-Driven Business Decision Modeling

COURSE OVERVIEW

This course provides a comprehensive strategy that equips leaders with the ability to design, interpret, and apply data-driven models for strategic and operational decision-making. It explores how AI, machine learning, and predictive analytics can transform business choices, optimize risk assessment, and uncover growth opportunities. Participants will learn to evaluate decisions through the lens of governance and compliance, guided by international frameworks such as ISO standards for data quality and governance, and OECD principles for responsible AI adoption.

WHO SHOULD ATTEND?

This course is designed for executives, data-driven strategists, finance leaders, operations managers, consultants, and digital transformation officers seeking to embed AI and analytics into decision-making. It is equally valuable for policymakers and governance professionals aiming to align data-driven models with compliance and ethical leadership practices.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand how AI and analytics enhance decision modeling.
- Evaluate the role of AI and data in Modern business decision making.
- Apply predictive and prescriptive models to solve business challenges.
- Leverage data governance principles to ensure quality and compliance.
- Develop strategies that balance AI-driven insights with ethical considerations.
- Strengthen executive decision-making with evidence-based frameworks.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- The fundamentals of data-driven and AI-augmented decision making.
- Common decision modeling techniques and frameworks.
- Cross-functional collaboration and decision alignment.
- Usage of platforms like Microsoft Power BI, Google Looker Studio, IBM Watson, Chat GPT for analysis.
- Case studies on organizations using data-driven insights for strategy.
- Predictive analytics, risk modeling, and optimization.
- Visual models and interactive dashboards
- Frameworks for responsible AI adoption aligned with OECD principles.
- The future of AI in corporate decision-making.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate.
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded.