



TRAIN DEVELOP
EMPOWER

TRAIN • DEVELOP • EMPOWER

IN-HOUSE CORPORATE TRAINING

DATA ANALYTICS & AI-DRIVEN DECISION-MAKING

Strengthen analytics capability, improve data-driven decision-making, interpret business insights, and apply AI-supported analysis to enhance performance and strategic choices.



COURSE CODE

DTX-005



DURATION
3-5 Days



DELIVERY
On-site / Virtual



PARTICIPANTS
10-25 per session



CERTIFICATE
Certificate of Completion



CUSTOMIZABLE
Yes - Tailored to Your Needs

REQUEST PROPOSAL →

WHY THIS PROGRAMME?



BUILD DIGITAL CONFIDENCE

Strengthen practical data analytics & ai-driven decision-making capability for real business use.



REDUCE TECHNOLOGY RISK

Improve governance, security awareness and responsible implementation.



ACCELERATE ADOPTION

Turn emerging technology concepts into practical workplace workflows.



DRIVE BUSINESS VALUE

Improve productivity, insight, innovation and measurable performance.

IN-HOUSE DELIVERY OPTIONS

- ✓ Onsite at client premises
- ✓ Live virtual instructor-led format
- ✓ Hybrid delivery format
- ✓ Customized duration based on organizational requirements

INDUSTRIES WE SERVE

- ✓ Oil & Gas
- ✓ Petrochemicals
- ✓ Manufacturing
- ✓ Financial Services
- ✓ Technology & Telecom
- ✓ Healthcare
- ✓ Logistics & Transportation
- ✓ Government & Public Sector

WHY CHOOSE TRAIN DEVELOP EMPOWER?



20+
YEARS
EXPERIENCE



40+
COURSES IN
8 CATEGORIES



100%
CUSTOMIZED
SOLUTIONS



ON-SITE OR
VIRTUAL
DELIVERY



INDUSTRY
EXPERT
FACILITATORS

COURSE OVERVIEW

Organizations are under growing pressure to understand how data analytics & ai-driven decision-making can improve productivity, customer value, operational performance, innovation, and strategic decision-making.

This in-house program develops practical data analytics & ai-driven decision-making capability through business-focused frameworks, case studies, applied exercises, governance guidance, and workplace implementation methods.

Business Challenges Addressed

- > Limited digital and AI awareness across teams
- > Unclear business use cases and priorities
- > Low confidence applying emerging technologies
- > Fragmented data, tools and decision processes
- > Governance, security and ethical risk concerns
- > Resistance to new digital ways of working
- > Limited measurement of business value
- > Skills gaps and inconsistent adoption
- > Integration challenges across existing workflows
- > Difficulty sustaining transformation momentum

Key Learning Outcomes

- > Understand data analytics & ai-driven decision-making principles and business relevance
- > Identify practical use cases and value opportunities
- > Apply structured tools and workplace frameworks
- > Improve digital confidence and decision-making
- > Strengthen governance, risk and responsible-use practices
- > Improve collaboration between business and technical teams
- > Develop implementation roadmaps and adoption plans
- > Measure outcomes and business performance impact
- > Support innovation and continuous improvement initiatives
- > Create sustainable digital capability across the organization

WHO SHOULD ATTEND

Managers

Department Heads

Business Professionals

Team Leaders

Project Managers

Analysts

Operations Managers

Innovation Teams

Digital Champions

Personnel preparing for digital transformation

TRAINING METHODOLOGY

Interactive learning approaches support practical application and can be customized to the organization's environment, industry, and participant experience.

 **Instructor-Led Discussions**
 **Industry Case Studies**
 **Practical Digital Exercises**
 **Group Workshops**
 **Use Case Mapping Activities**
 **Scenario-Based Learning**
 **Implementation Planning Exercises**
 **Interactive Team Engagement**

COURSE MODULES

01 Foundations of Data Analytics for Business

- Core principles of foundations of data analytics for business
- Business context, opportunities and limitations
- Structured tools, workflows and decision frameworks
- Risk, governance and implementation considerations
- Practical workplace application techniques
- Building sustainable data analytics & ai-driven decision-making capability

02 Data Quality, Visualization & Insight Development

- Core principles of data quality, visualization & insight development
- Business context, opportunities and limitations
- Structured tools, workflows and decision frameworks
- Risk, governance and implementation considerations
- Practical workplace application techniques
- Building sustainable data analytics & ai-driven decision-making capability

03 AI-Supported Analysis & Decision Frameworks

- Core principles of ai-supported analysis & decision frameworks
- Business context, opportunities and limitations
- Structured tools, workflows and decision frameworks
- Risk, governance and implementation considerations
- Practical workplace application techniques
- Building sustainable data analytics & ai-driven decision-making capability

04 Performance Measurement & Business Intelligence

- Core principles of performance measurement & business intelligence
- Business context, opportunities and limitations
- Structured tools, workflows and decision frameworks
- Risk, governance and implementation considerations
- Practical workplace application techniques
- Building sustainable data analytics & ai-driven decision-making capability

05 Building Data-Driven Decision-Making Capability

- Core principles of building data-driven decision-making capability
- Business context, opportunities and limitations
- Structured tools, workflows and decision frameworks
- Risk, governance and implementation considerations
- Practical workplace application techniques
- Building sustainable data analytics & ai-driven decision-making capability



TAILORED TO YOUR NEEDS

Modules can be customized to align with your industry, operational environment, and participant experience.

[DISCUSS CUSTOMIZATION](#)



SCAN TO VIEW COURSE PAGE



READY TO STRENGTHEN DATA ANALYTICS & AI-DRIVEN DECISION-MAKING CAPABILITY?

Partner with Train Develop Empower to build a resilient, agile and future-ready supply chain. Let's create lasting impact together.

[REQUEST PROPOSAL](#) →



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