



A Research-driven Consulting company in IoT-Edge-Cloud services and process automation; AI/ML and smart solutions; Data policy, governance, and management

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## Training

# Human-AI Powered Transformation

Train Big Data Analytics and Platforms, Data Science, AI/ML/LLMs Systems, Cloud Modernization, & AI Agents/Assistants

HIGH QUALITY,  
DEEP TRAINING PROGRAMMES,  
CONTENT AND TEACHING

“

Led by  
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Also Associate Professor at  
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## Training courses for Industries

- **Data Platform Fundamentals and Technologies**  
*16 hours training*
- **Data Analytics for Operations**  
*16 hours training*
- **Machine Learning (ML) Engineering**  
*20 hours training*
- **Digital Transformation**  
*16 hours training*
- **AI Agents/Large-Language Models Services and Workflows**  
*16 hours training*
- **On-demand training courses**

[More information](#)

# AI training modules tailored for development teams

## Participants

- **CEO, CIO, CTO, Executives, Managers**
- **IT specialists, Integrators/Architects, Analysts, Product Managers**
- **Developer, Software/ Services Engineers**

## Targets



Making strategic AI decisions, developing AI strategies and roadmap for digital transformation, evaluating AI risks.



Assess existing solutions/tools, integrate existing solutions/tools, designing AI/ML services with current infrastructures/systems, modernizing IT services.



Understanding AI/ML programming, coding/developing AI/ML models, training/deploying AI/ML services/models, monitoring and managing AI/ML services (observability).

## Overall

- 3 training levels: **AI in general, AI engineering, AI advanced**
- **2-6 hours/module**
- Online/onsite training
- Domain specific use cases and hands-on
- Sample hands-on code included



Designed for all participants:

- **CEO, CIO, CTO, Executives, Managers**
- **IT specialists, Integrators/Architects, Analysts, Product Managers**
- **Developer, Software/ Services Engineers**

## AI in general

## 👉 Modules

### 1 **AI for Business/Public Sectors: Potentials, Requirements, How to apply**

*2 hours training*  
*Max nr. participants: 20*

### 2 **Digital transformation with AI and potential risks**

*2 hours training*  
*Max nr. participants: 20*

### 3 **AI/ML System Lifecycle Management**

*2.5 hours training*  
*Max nr. participants: 20*

### 4 **Data Quality and Governance for AI**

*2 hours training*  
*Max nr. participants: 20*

### 5 **LLMs, AI Agents and Agentic AI Systems for Business/Public Sectors**

*2.5 hours training*  
*Max nr. participants: 20*

## 👉 Contents

- Use cases (focus on customer's businesses/public sectors)
- Requirements and the roles of AI in use cases: potentials, adoption and strategies

- Digital transformation and modernization with AI services: what in and what is not
- Potential risks in AI adoption/usage according to business and regulations

- Components of AI systems and their deliveries (Data, ML Models and Services)
- Processes and stages of AI/ML systems lifecycle, from problems and needs to design, develop, and deploy

- An introduction to data quality and data governance for AI systems: Data quality affecting AI, governance process, lineages

- Models and roles of LLMs, AI Agents and Agentic AI systems for AI evolution in business/public sectors

# AI engineering

Designed for:

- **IT specialists, Integrators/Architects, Analysts, Product Managers**
- **Developer, Software/ Services Engineers**

## 1 AI Service Models and Integration

*4 hours training*

*Max nr. participants: 10*

- AI/ML platform view
- Different ways of integration: REST, embedded, batch and stream
- From AI/ML models to AI services

## 2 Building GenAI/LLM workflows

*4 hours training*

*Max nr. participants: 10*

- Build tasks with GenAI
- Integration of GenAI into business workflows

## 3 AI/ML Service Deployment and Serving

*4 hours training*

*Max nr. participants: 10*

- Techniques to deploy AI/ML services (cloud, edge, on-premise, ML and Edge LLMs), frameworks and serving
- Coordination, ensemble model, multi-armed bandits

## 4 MLOps and Experiment

*4 hours training*

*Max nr. participants: 10*

- Techniques and frameworks for MLOps
- ML experiment management

## 5 AI/ML Monitoring, Observability and Explainability

*4 hours training*

*Max nr. participants: 10*

- AI/ML metrics like accuracy, biasness
- Observability of AI services
- Explainability techniques for AI services

## 6 Data Quality for AI Data Processing Pipelines

*4 hours training*

*Max nr. participants: 10*

- Tools, frameworks and techniques for evaluating data quality
- Managing data catalog
- Adapting operations based on quality



# AI advanced

Designed for:

- **IT specialists, Integrators/Architects, Analysts, Product Managers**
- **Developer, Software/ Services Engineers**

## Data Processing Pipelines for AI

- Document and data extraction (NLP, Detection)
- Vectorization and Vector databases, RAG
- AI/LLMs-augmented NLP and detection pipelines

**Training time:** 6 hours

**Max nr. participants:** 10

## Data Lakehouses for AI services and data products

- Data platforms for AI
- Modern Data lakehouse concepts and architectures
- Data Lakehouses for AI services

**Training time:** 6 hours

**Max nr. participants:** 10

## Building AI Agents/Agentic AI Systems

- AI Agents concepts and designs
- Architectures and patterns of AI Agents and other services
- Emerging AI protocols like MCP and A2A

**Training time:** 6 hours

**Max nr. participants:** 10

## GenAI/LLM Evaluation, Observability and Risk Guards

- Monitoring and observability for LLM tasks.
- Engineering LLM Guards for AI Risks
- Evaluating LLMs

**Training time:** 6 hours

**Max nr. participants:** 10



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