



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

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Led by
Dr. Hong-Linh Truong
Co-Founder, CSTO

Also **Associate Professor at
Aalto University, Finland &
Priv.Do. at TU Wien, Austria**

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

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

AI advanced

Designed for:

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

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



Empowering
trust by
advancing
service
quality!

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