AI+ Data Agent Specialty™(ADATAA)

ID ADATAA **Price** CHF 995.—(excl. VAT) **Duration** 1 days

Who should attend

- Data Professionals: Ideal for data analysts, engineers, and scientists looking to enhance their expertise with AI-driven automation.
- Business Strategists: Perfect for professionals aiming to leverage data intelligence for informed and strategic decision-making.
- AI Enthusiasts: Designed for learners passionate about integrating AI with data management and intelligent systems.
- Tech Innovators: Suited for individuals exploring automation, predictive analytics, and autonomous data solutions.
- Aspiring Leaders: Ideal for professionals seeking to lead AI transformation initiatives and drive data-driven innovation within their organizations.

Prerequisites

Basic understanding of data management, analytics, and automation, with interest in AI-driven analysis and intelligent agent design. Ideal for learners seeking hands-on experience, industry recognition, and future-ready expertise in data systems, analytics, and autonomous technologies.

Course Objectives

- Comprehensive Skill Development Master AI-driven data analysis, automation, and intelligent agent design for real-world business applications.
- Industry Recognition Earn a globally recognized certification that validates your expertise in AI-powered data management and analytics.
- Hands-On Learning Engage in practical projects that simulate real data environments, enhancing problem-solving and analytical decision-making skills.
- Career Advancement Open doors to roles in data engineering, AI analytics, and intelligent automation across multiple industries.
- Future-Ready Expertise Stay ahead in the evolving AI landscape with cutting-edge knowledge of data agents and autonomous systems.

Course Content

Module 1: Introduction to AI Agents

- 1.1 What is an AI Agent?
- 1.2 Components of AI Agents
- 1.3 Types of AI Agents
- 1.4 Hands on: No-Code AI and Machine Learning Models for Data Agents

Module 2: Data Agents and Their Role in AI Systems

- 2.1 AI Data Agents
- 2.2 AI vs. AI Data Agent
- 2.3 Components of AI Data Agents
- 2.4 Types of AI Data Agents
- 2.5 Existing AI Data Agents in Trend

Module 3: Data Collection and Acquisition for AI Data Agents

- 3.1 Steps in AI Data Collection Structure & Plan
- 3.2 Methods of Data Collection

Module 4: Data Pre-processing and Feature Engineering

- 4.1 Data Cleaning and Transformation
- 4.2 Feature Engineering for AI Models
- 4.3 No-Code AI Data Agent for Preprocessing & Feature Engineering

Module 5: AI and Machine Learning Models for Data Agents

- 5.1 Introduction to Machine Learning Models for Data Agents
- 5.2 Model Selection and Training
- 5.3 Hands on: No-Code AI and Machine Learning Models for Data Agents

Module 6: Ethics, Security, and Privacy in AI Data Agents

- 6.1 Ethical Considerations in AI Data Agents
- 6.2 Security and Privacy Concerns

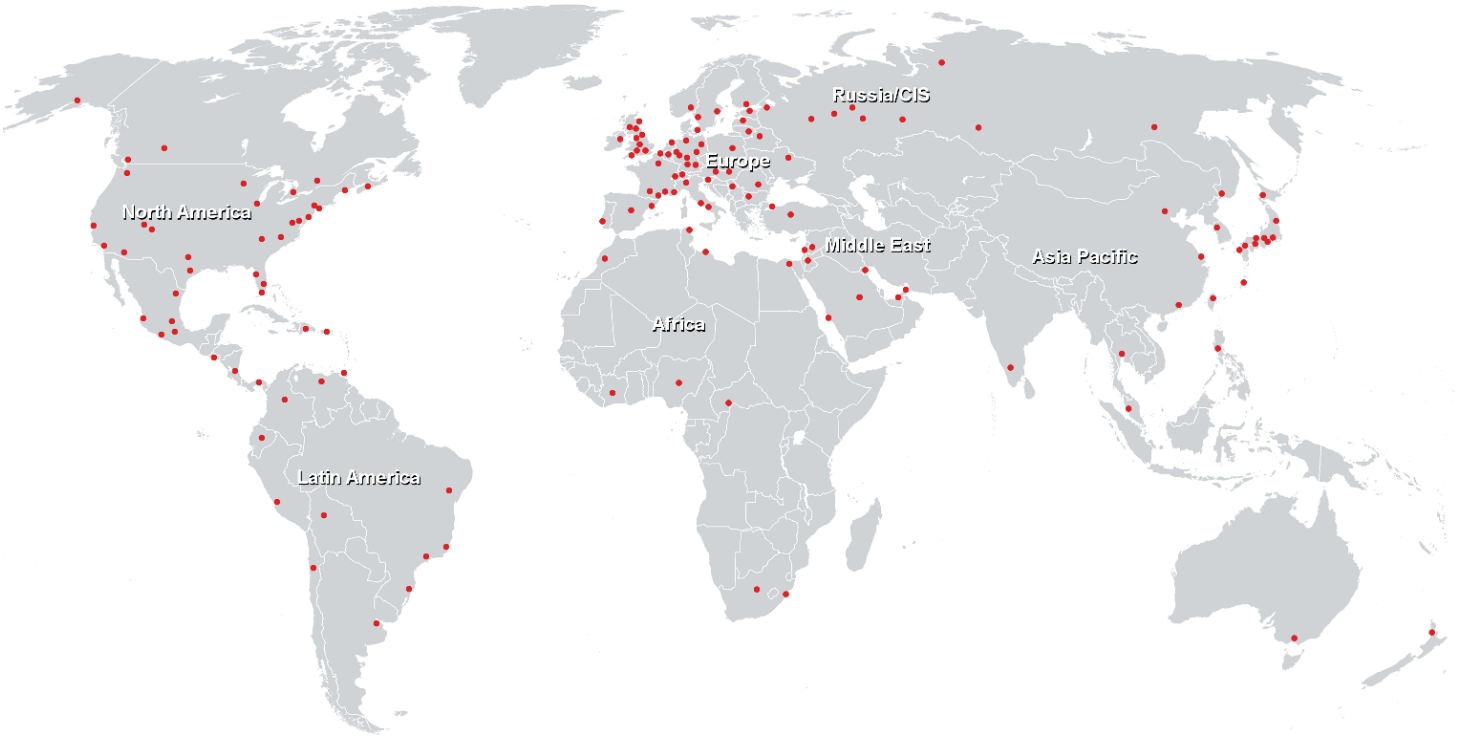
Module 7: Capstone Project

- 7.1 Problem Statement
- 7.2 Practical Implementation

- 7.3 Evaluation and Optimization
- 7.4 No-Code AI and Machine Learning Models for Data Agents

AI+ Data Agent Specialty™(ADATAA)

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch