

AI & Machine Learning Skills Journey

Hands-on AI / AIOps for Business Innovators: Unlock the Power of Intelligent Automation (For Non-Technical Users) (TTAI2105)

Business Users Edition: Transform Your Business Operations and Efficiency with the Power of Intelligent Automation

- **Course:** Hands-on AI / AIOps for Business Innovators: Unlock the Power of Intelligent Automation / For Non-Technical Users (TTAI2105)
- **Duration:** 2 days
- **Audience & Skill Level:** This is an introductory-level course intended for business users new to AI and machine learning, working in any industry who want to learn about the latest advancements in AI and how they can be applied to their field.
- **Hands-on:** This course combines engaging instructor-led presentations and practical demonstrations with hands-on exercises, challenge labs, use case exploration and engaging group activities. Student machines are required.
- **Format:** This course can be delivered for your team or organization **online live (virtual)**, **onsite in-person** or across our robust **blended learning experience platform (LXP)**.
- **Public Schedule:** This course is currently available on our Public Open Enrollment Schedule.
- **Customizable:** This course agenda, topics, labs, hours and delivery modalities can be adjusted to target your specific training skills objectives, tools and learning goals. Please ask for details.

Overview

"Hands-on AI / AIOps for Business Innovators: Unlock the Power of Intelligent Automation (Business Edition)" is a dynamic, hands-on course designed specifically for business professionals new to AI and machine learning who want to stay ahead of the curve and leverage the latest advancements in AI. You'll learn how AI can help drive your organization forward and learn how to apply AI to improve business operations, increase efficiency, and drive growth.

The course will provide you with an understanding of intelligent automation and its applications in various business areas such as sales, finance, and operations. Throughout the course, you'll explore hands-on exercises using real-world data and popular AI and machine learning tools and will learn how to identify potential areas for automation in your own organization. You'll also explore use cases for AI in various business areas such as customer segmentation, lead generation, and sales forecasting. You'll also learn about the best practices for implementing AI and machine learning projects in an organization and the ethical considerations that come with it.

Throughout the course, you'll have the opportunity to work with real-world data and use popular AI and machine learning tools to gain hands-on experience with the technology. The hands-on labs are designed to give non-technical and non-developer participants practical experience working with AI and machine learning tools, using interactive tools that do not require programming experience or technical knowledge. The labs will use real-world data examples that are relevant to the participants' industries or areas of interest.

By the end of the course, you'll be conversant in core terms, and will have developed a situational awareness and capability for finding opportunities for automation and will be able to create a personal action plan for engaging in intelligent automation.

NOTE: This course is geared for applying these skills to general business. Variations of this course are available for specific industries, such as finance, healthcare and others. Please inquire for additional information.

Learning Objectives

Working in a **hands-on** learning environment led by our expert AI in business coach, you will:

- Develop a comprehensive understanding of Intelligent Automation (IA) and its applications in various industries
- Learn to identify potential areas for automation in participants' own organizations and brainstorm potential solutions using AI and machine learning

- Understand the potential applications of AI for general business needs including sales, such as customer segmentation, lead generation, and sales forecasting
- Understand best practices for implementing AI and machine learning projects in an organization, and the ethical considerations that come with it.
- Develop a personal action plan for engaging in intelligent automation
- Gain hands-on experience using real-world data and popular AI and machine learning tools
- Develop the ability to analyze and understand the business impact of implementing AI and machine learning.

Audience

This course is for business users new to AI and machine learning who want to learn about the latest advancements in AI and how they can be applied to their field. This course covers general business application, and suitable for professionals from various industries, including healthcare, finance, retail, and manufacturing.

Student roles might include:

- Business administrators and managers who want to improve the efficiency and effectiveness of their operations.
- Sales professionals who want to use AI to improve customer segmentation, lead generation and sales forecasting.
- Finance professionals who want to use AI for financial analysis and forecasting.
- Operations professionals who want to use AI to optimize their processes and improve supply chain management.
- Executives who want to stay ahead of the curve and use AI to drive their organizations forward.

Pre-Requisites

It is recommended that attendees have some basic computer skills, such as working with spreadsheets, and a basic understanding of business operations and processes. Prior experience with AI and machine learning is not required. No coding skills are required.

Course Agenda / Topics

Please note that this list of topics is based on our standard course offering, evolved from typical industry uses and trends. We'll work with you to tune this course and level of coverage to target the skills you need most. Topics, agenda and labs are subject to change, and may adjust during live delivery based on audience skill level, interests and participation.

Day 1

1. Introduction to AI and Machine Learning

Participants will understand the basic concepts of AI and machine learning and identify potential areas for automation in their own organization.

- Overview of AI and machine learning (for non-technical users)
- Applications in business operations
- Identifying potential areas for automation
- Explore popular tools to use and where to find resources
- Hands-on lab: Exploring use cases for AI in various business areas: Participants will use interactive tools and real-world data examples to explore different use cases for AI in various business areas.

2. Use Cases for AI in Business

Participants will understand the different use cases for AI in various business areas such as sales, finance, and

operations.

- Sales: customer segmentation, lead generation, sales forecasting
- Finance: financial analysis and forecasting
- Operations: supply chain management, process optimization
- Hands-on lab: Exploring use cases for AI in various business areas (using interactive tools and real-world data examples)

3. Best Practices for Implementing AI and Machine Learning Projects

Participants will understand the best practices for implementing AI and machine learning projects in an organization.

- Identifying project goals and objectives
- Data preparation and cleaning
- Model selection and evaluation
- Hands-on lab: Implementing a simple AI/ML project (using interactive tools and real-world data examples)

Day 2

4. Ethical Considerations for AI in Business

Participants will understand the ethical considerations for AI in business such as algorithmic bias, data privacy and security, and Explainable AI.

- Algorithmic bias
- Data privacy and security
- Explainable AI
- Hands-on lab: Evaluating ethical considerations for a given AI/ML project (using interactive tools and real-world data examples)

5. Creating a Personal Action Plan for Intelligent Automation

Participants will learn the steps required to create an action plan for Intelligent Automation in their organization, evaluate the plan, evaluate tools to use, use tools to create the plan, and then present the plan. Can be done in groups or individually.

- Identifying opportunities for automation
- Explore Resources
- Prioritizing actions
- Creating a timeline
- Group Activity: Creating a personal action plan for intelligent automation (using interactive tools and real-world data examples). Participants will share their personal action plan with the group and receive feedback from the instructors and peers.

Setup Made Simple! Learning Experience Platform (LXP)

All applicable course software, digital courseware files or course notes, labs, data sets and solutions, live coaching support channels and rich extended learning and post training resources are provided for you in our “easy access, no install required” online **Learning Experience Platform (LXP)**, remote lab and content environment. Access periods vary by course. We’ll collaborate with you to ensure your team is set up and ready to go well in advance of the class. Please inquire about set up details and options for your specific course of interest.

For More Information

For more information about our training services (instructor-led, self-paced or blended), collaborative coaching services, robust Learning Experience Platform (LXP), Career Experiences, public course schedule, partner programs, courseware licensing options or to see our complete list of course offerings, solutions and special offers, please visit us at www.triveratech.com, email Info@triveratech.com or call us toll free at **844-475-4559**. Our pricing and services are always satisfaction guaranteed.

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