

AI FLUENCY LEARNING JOURNEY

COURSE SPECIFICATIONS

Course Code:	AI-FLJ
Study Method:	Self-Study
Course Length:	5 Hours 38 minutes

- 6 courses: 3 hours (44 videos)
- 6 mini assessments: 38 minutes
- 6 additional knowledge checks: 60 minutes
- 1 final assessment: 60 minutes

COURSE DESCRIPTION

The AI Fluency Learning Journey is designed to educate individuals on the fundamentals of artificial intelligence, empowering them to integrate this transformative technology into their daily lives. The course features 44 bite-sized videos covering a broad spectrum of AI topics, including its history, core principles, ethical considerations, and global initiatives.

TARGET AUDIENCE

This course is ideal for professionals, students, and anyone curious about artificial intelligence, regardless of their technical background. Whether you are a business leader looking to leverage AI for strategic decision-making, an educator incorporating AI into the classroom, or an individual eager to stay ahead in the digital era, this course provides the foundational knowledge needed to understand and engage with AI confidently.

PRE-REQUISITES

To ensure success, students should already have a basic understanding of basic computer literacy and an interest in technology. No prior AI knowledge is required.

HARDWARE REQUIREMENTS

For this course, you will need one computer for each student and one for the instructor. Each computer will need the following minimum hardware configurations:

- 1 gigahertz (GHz) 64-bit (x64) processor.
- 4 gigabytes (GB) of Random Access Memory (RAM).
- 32 GB available storage space.
- Monitor capable of a screen resolution of at least 1,024 × 768 pixels, at least a 256-color display, and a video adapter with at least 4 MB of memory.
- Bootable DVD-ROM or USB drive.
- Keyboard and mouse or a compatible pointing device.
- Fast Ethernet (100 Mb/s) adapter or faster and cabling to connect to the classroom network.
- IP addresses that do not conflict with other portions of your network.
- Internet access (contact your local network administrator).
- (Instructor computer only) A display system to project the instructor's computer screen.

SOFTWARE REQUIREMENTS

- Microsoft Windows® 10 Professional or Enterprise
- Microsoft® Office 2021
- If necessary, software for viewing the course slides. (Instructor machine only.)

COURSE OBJECTIVES

The AI Fluency Learning Journey is designed to provide learners with a comprehensive introduction to artificial intelligence, covering its fundamental principles, applications, and ethical considerations. By the end of the course, learners will be able to:

- Understand the basics of AI and its impact on various industries.
- Explore generative AI technologies and their applications.
- Utilize advanced internet search techniques beyond basic queries.
- Implement responsible AI practices considering ethical implications.
- Boost productivity using AI-powered tools like Microsoft Copilot.
- Recognize AI's accessibility for all users.

LEARNING OUTLINE

Course 1: Explore AI Basics

- Introduction
- AI History
- What is Artificial Intelligence?
- Data Everywhere
- Understand Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- AI Algorithms
- AI in Action
- Summary
- Knowledge Check
- Additional Knowledge Check

Course 2: Explore Generative AI

- Introduction
- What is Generative AI?
- AI Linguistics
- Visualize with AI from Text to Image
- AI Companion in Content Creation
- New Opportunities with Generative AI
- Exercise: Create with Generative AI
- Summary
- Knowledge Check
- Additional Knowledge Check

Course 3: Explore Internet Search Beyond Basics

- Introduction
- The Evolution of Search
- How Does a Search Engine Work?
- Reasoning Engines
- A New Way to Search: Microsoft Copilot
- Prompt Engineering
- Critical Thinking
- Summary
- Knowledge Check
- Additional Knowledge Check

Course 4: Explore Responsible AI

- Introduction
- Using AI Responsibly: Best Practices
- Principles of Responsible AI
- Deepfakes and Copyright in AI
- Human-AI Interaction and Global Implications
- Summary
- Knowledge Check
- Additional Knowledge Check

Course 5: Boost Productivity with Copilot

- Introduction
- Bring your Ideas to Life with Copilot
- Time Management Assistance with Copilot
- Elevate Your Job Search with Copilot
- Skill Development with Copilot
- Image and Document Analysis with Copilot
- Workplace Support with Copilot
- Boost Your Productivity with Copilot in Edge
- Summary
- Knowledge Check
- Additional Knowledge Check

Course 6: Explore AI for All

- Introduction
- The Impact of AI on Accessibility
- Impact of AI in Job Roles
- AI as an Ally for Humanitarian Action
- Inclusive AI with Copilot
- Summary
- Knowledge Check
- Additional Knowledge Check

Final Assessment

MERSETA TRAINING PROVIDER

Onetrust Training Solutions has received full accreditation as a **merSETA Training Provider**. (Certification number: 17-QA/ACC/2313/21.)

We are in the process of extending our scope of accreditation for most of our individual training courses and skills programmes. Successful participants will receive a *Onetrust Training Solutions* certificate for the relevant courses.

CONTACT DETAILS

Further enquiries may be directed to:

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