# Training Course:
## Uses of Artificial Intelligence in Digital Archiving

16 - 20 March 2025
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe

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Training Course code: SC235274  From: 16 - 20 March 2025  Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6000 ⃝ Euro

## Introduction

This training program is designed to explore the dynamic intersection of Artificial Intelligence AI and digital archiving. With the rapid advancement of AI technologies, their application in the field of digital archiving has become increasingly significant. This program aims to provide an in-depth understanding of how AI can be leveraged to enhance the efficiency, accessibility, and preservation of digital archives.

## Objectives

- Understand the Basics: Introduce the fundamental concepts of AI and digital archiving.

- Explore AI Technologies: Delve into AI tools and technologies relevant to archiving, such as Machine Learning, Natural Language Processing, and Image Recognition.

- Practical Application: Demonstrate the practical uses of AI in metadata management, accessibility enhancement, and preservation of digital archives.

- Ethical and Future Considerations: Address the ethical considerations of using AI and explore future trends and possibilities in the field.

- Skill Development: Equip participants with the skills to apply AI techniques in digital archiving projects.

## Methodologies

- Interactive Lectures: Engaging presentations by experts to introduce and explain key concepts.

- Case Studies: Analysis of real-world examples to understand the practical application of AI in digital archiving.

- Hands-On Workshops: Practical sessions where participants use AI tools to work on archiving tasks.

- Group Discussions: Facilitated discussions to encourage idea exchange and deepen understanding.

- Guest Lectures: Talks by industry professionals to provide insights into current trends and future opportunities.

## Target Audience

- Archivists and Librarians: Professionals seeking to integrate AI into their archiving practices.

- IT Professionals: Those interested in the application of AI in different fields, including data management and

digital preservation.

- Academic Researchers: Individuals in academia focusing on library sciences, information technology, or AI.

- Students: Undergraduate and graduate students interested in AI, digital archiving, or both.

- Policy Makers: Individuals involved in creating policies around digital preservation and data management.

- Industry Enthusiasts: Anyone with an interest in the evolving role of AI in digital archiving and data management.

## Outline

### Day 1: Introduction to AI and Digital Archiving

- Overview of Artificial Intelligence: Concepts, history, and current trends.

- Basics of Digital Archiving: Importance, challenges, and the role of AI.

### Day 2: AI Technologies in Digital Archiving

- Deep Dive into AI Technologies: Machine Learning, Natural Language Processing, Image Recognition.

- Review of Case Studies: Examining successful AI implementations in digital archiving.

### Day 3: Practical Applications of AI in Digital Archiving

- Metadata Extraction and Management: Using AI for categorization, tagging, and management.

- Hands-On Activity: Working on AI tools for automated metadata tagging.

### Day 4: Enhancing Accessibility and Preservation in Digital Archives

- AI in Enhancing Accessibility: Making digital archives more accessible.

- AI in Preservation: Techniques for digital preservation and predictive analysis.

### Day 5: Ethical Considerations and Future Trends

- Ethical Considerations in AI: Discussing the ethical implications in digital archiving.

- Future Trends: Exploring upcoming developments in AI for digital archiving.

## Registration form on the Training Course:
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### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....................................................................................................................
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### Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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