

AI & Archives

*Toronto (Canada)*

*9 - 13 December 2024*

UK Training

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## AI & Archives

Code: PS28 From: 9 - 13 December 2024 City: Toronto (Canada) Fees: 4700 Pound

### Introduction:

This 5-day course on AI and Archives delves into how artificial intelligence AI is revolutionizing the field of archives management. Participants will explore how AI tools can automate tasks, enhance data retrieval, and aid in the preservation of digital content. Whether you are an archivist, an information professional, or simply tech-curious, this course will equip you with the knowledge to effectively integrate AI into your archival practices.

### Course Objectives:

- Understand the fundamentals of AI and its application to archives management.
- Explore AI technologies such as machine learning and natural language processing NLP in the context of archiving.
- Learn to implement AI solutions for archiving, preserving, and retrieving data.
- Address the ethical challenges associated with using AI in archival practices.
- Gain hands-on experience with AI tools tailored for archives management.

### Course Outlines:

#### Day 1: Introduction to AI & Archives

- Overview of AI and machine learning.
- How archives are evolving through digital transformation.
- AI applications in information management and archiving.
- Benefits of AI: efficiency, accuracy, and improved access.
- Case studies showcasing the success of AI in archival work.

#### Day 2: AI in Archival Workflows

- Understanding NLP and its role in archives management.
- Leveraging AI and machine learning for metadata management.
- Automating classification and indexing with AI.
- Enhancing search and data retrieval through AI tools.
- Exploring AI applications for digital archiving and archival processes.

#### Day 3: AI-Powered Preservation and Curation

- The role of AI in supporting digital preservation: challenges and opportunities.
- Automating archival appraisal with AI solutions.
- Long-term storage and data security with AI technologies.
- Utilizing AI models for effective curation of digital archives.
- Case studies on AI's impact in digital preservation.

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## Day 4: Practical AI Applications in Archives

- Using AI to identify and manage sensitive information within archives.
- AI applications for digital restoration and repair of archival content.
- Hands-on session: analyzing and organizing archival data using AI tools.
- Improving user access and recommendations through AI technologies.
- Ethical considerations: AI biases, privacy issues, and accountability in archives management.

## Day 5: The Future of AI & Archives

- Emerging trends shaping the future of AI in archival science.
- AI's potential for cross-disciplinary research and collaboration.
- Collaborative AI tools for crowd-sourced archival projects.
- Strategies for integrating AI into existing archive management systems.
- Final workshop: planning and executing an AI-driven archival project.

## Conclusion

As the significance of digital archiving continues to grow, understanding best practices for digital archiving becomes essential. This includes knowledge of how to preserve digital assets, effectively manage digital archives, and apply the principles of archives management. Participants in this course will gain a comprehensive understanding of what constitutes archive management and how it can be achieved through AI, facilitating easier access to digital archives certificates.

In conclusion, this course provides key outcomes that will enhance your skills in archives management and prepare you for future challenges related to modern technology. Don't miss this opportunity to elevate your knowledge on the latest trends in archives and digital archiving!

A graphic of a chessboard with several chess pieces (a king, a queen, a knight, and a pawn) on it, set against a background of concentric circles.

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