BLACKBIRD FOR TRAINING

AI & Archives

15 – 19 February 2027
Düsseldorf (Germany)



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Ref: 3254519_160262 **Date:** 15 – 19 February 2027 **Location:** Düsseldorf (Germany) **Fees:** 5200 GBP

Introduction

Artificial Intelligence AI is revolutionizing archives management, especially in the realm of digital archiving. This 1-week course provides a unique opportunity to explore how AI can improve archives management by enhancing data retrieval, supporting digital content preservation, and automating archiving processes. Whether you are an archivist, information professional, or tech enthusiast, this course will equip you with the skills to seamlessly integrate AI into your archival practices. Learn how to implement best practices for digital archiving and leverage AI tools to improve the management of digital assets.

Course Objectives

- Understand the fundamentals of AI and its application in archives management: Learn the core principles of archives management and how AI can enhance your archival processes.
- Explore AI technologies such as machine learning and natural language processing NLP: Understand how these technologies can be used in digital archives to automate classification, metadata management, and data retrieval.
- Learn to implement AI-driven solutions for data preservation and retrieval: Discover how to use AI to support the management of digital assets and improve access to digital archives.
- Address ethical challenges in archives management: Delve into topics like AI bias, privacy concerns, and accountability in the digital archiving process.
- Gain hands-on experience with AI tools for archives management: Participate in practical sessions where you will apply AI tools to real-world archival data.

Course Outlines

Day 1: Introduction to AI & Archives

- Overview of AI and machine learning technologies.
- The evolution of archives management through digital transformation.
- AI applications in archives management: How AI is improving efficiency and data access.
- Benefits of AI in digital archiving: Increased accuracy, faster retrieval, and reduced manual effort.
- Case studies showcasing successful AI-powered archives management.



Day 2: AI in Archival Workflows

- Understanding natural language processing NLP and its role in archives management.
- Leveraging AI and machine learning for metadata management and indexing.
- Automating classification and indexing using AI.
- Enhancing search and data retrieval through AI technologies.
- Exploring AI applications in digital archiving processes.

Day 3: AI-Powered Preservation and Curation

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

Day 4: Practical AI Applications in Archives

- Using AI to identify and manage sensitive information within archives.
- AI in digital restoration and repair of archival content.
- Hands-on session: Analyzing and organizing archival data using AI tools.
- Improving user access and personalized recommendations through AI.
- 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 archives.
- The potential of AI for cross-disciplinary research and collaboration in archiving.
- Collaborative AI tools for crowd-sourced archival projects.
- Strategies for integrating AI into existing archives management systems.
- Final workshop: Planning and executing an AI-driven archival project.

Why Attend This Course: Wins & Losses!

- Enhance your skills in digital archives management: Learn how to incorporate AI technologies into your archival practices to improve the management of digital assets.
- Receive a Digital Archives Certificate: Gain a recognized certification in digital archiving, boosting your credentials in this growing field.
- Increase efficiency in data management: Discover how AI-powered tools can streamline workflows, automate tasks, and optimize data retrieval.
- Open doors to career opportunities in AI and business: Understand the role of AI in business and how it impacts industries such as archives management and digital asset management.
- Tackle ethical challenges: Learn to navigate issues like AI bias, privacy concerns, and accountability to ensure responsible archives management.



Conclusion

As the importance of digital archiving continues to grow, mastering best practices for digital archiving has become essential. This course offers you the opportunity to learn how to apply AI in archives management, preserving and organizing digital assets more efficiently and accurately. You will also earn a Digital Archives Certificate, opening up new career possibilities and ensuring your expertise in modern archival practices.

Don’t miss out on the chance to deepen your understanding of AI-driven archives management and stay ahead in the digital archiving field.

