AI Literacy for Librarians Training Course

Professional Development Training Course Outline

Category	Library Institute	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Artificial Intelligence (AI) is transforming the way libraries operate, manage information resources, and deliver knowledge services to communities worldwide. AI Literacy for Librarians Training Course is designed to equip library professionals with essential AI knowledge, digital transformation skills, and practical competencies required to understand, evaluate, and implement artificial intelligence technologies in modern library environments. The course focuses on AI fundamentals, generative AI applications, ethical AI practices, information discovery, automation, data management, and emerging technologies shaping the future of libraries.

As libraries evolve into intelligent information hubs, librarians need advanced AI literacy skills to support research, improve user experiences, enhance knowledge accessibility, and maintain responsible technology adoption. This training course provides practical strategies for integrating AI tools into library services while addressing challenges such as data privacy, algorithmic bias, misinformation, and digital inclusion. Through global case studies and hands-on learning approaches, participants will gain the confidence to become AI-enabled library professionals capable of leading innovation and digital transformation.

Programme Curriculum

AI Literacy for Librarians Training Course

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Course Objectives

1. Develop comprehensive understanding of artificial intelligence concepts and applications in library services.
2. Enhance AI literacy skills for effective adoption of emerging digital technologies.
3. Understand generative AI tools and their applications in information management.
4. Build competencies in AI-powered research assistance and knowledge discovery.
5. Learn ethical AI principles, responsible technology governance, and data protection practices.
6. Improve digital transformation strategies for modern library operations.
7. Explore automation technologies for improving library workflows and service delivery.
8. Develop skills in evaluating AI tools for academic and public library environments.
9. Understand machine learning, natural language processing, and AI-driven information systems.
10. Promote innovation through AI-supported library management practices.
11. Strengthen critical thinking skills for assessing AI-generated information.
12. Support inclusive digital services through responsible AI implementation.
13. Prepare librarians to become leaders in AI-driven knowledge ecosystems.

Organizational Benefits

- Improved adoption of AI technologies for enhanced library operations.
- Increased efficiency through automation of repetitive library tasks.
- Enhanced research support and information discovery capabilities.
- Better decision-making through AI-driven data insights.
- Improved user engagement through personalized library services.
- Strengthened digital transformation initiatives.
- Reduced operational costs through intelligent workflow optimization.
- Enhanced data security and responsible AI governance.
- Improved staff confidence in emerging technologies.
- Development of future-ready library professionals.

Target Audiences

1. Public librarians and library managers.
2. Academic and university librarians.
3. Research information specialists.
4. Digital librarians and knowledge managers.

5. Library technology professionals.
6. Information science educators.
7. Government and institutional library staff.
8. Records and information management professionals.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Artificial Intelligence for Librarians

- Introduction to AI concepts, history, and evolution in information services.
- Understanding machine learning, deep learning, and natural language processing.
- Exploring AI applications transforming global library environments.
- Identifying opportunities and challenges of AI adoption in libraries.
- Developing foundational AI literacy skills for library professionals.
- Case study: AI implementation strategies at leading global libraries.

Module 2: Generative AI Tools for Library Services

- Understanding generative AI models and their capabilities.
- Using AI assistants for research support and information discovery.
- Exploring AI-powered content creation and summarization tools.
- Evaluating accuracy and reliability of AI-generated information.
- Applying generative AI to improve librarian productivity.
- Case study: Use of generative AI tools in university libraries worldwide.

Module 3: AI-Powered Information Discovery and Research Support

- Exploring AI search engines and intelligent information retrieval systems.
- Understanding AI recommendations for personalized knowledge access.
- Applying AI tools for literature reviews and research assistance.
- Improving user support through AI-driven reference services.
- Managing AI-enhanced digital research environments.
- Case study: AI research platforms supporting academic institutions globally.

Module 4: AI Ethics, Governance, and Responsible Use

- Understanding ethical principles for AI adoption in libraries.
- Addressing algorithmic bias and fairness in AI systems.
- Protecting user privacy and confidential information.
- Developing responsible AI policies for library organizations.
- Promoting transparency and accountability in AI applications.

- Case study: Global institutions developing ethical AI governance frameworks.

Module 5: AI Automation and Smart Library Operations

- Identifying library processes suitable for AI automation.
- Exploring chatbots, virtual assistants, and automated support systems.
- Improving cataloguing and metadata management using AI.
- Enhancing workflow efficiency through intelligent technologies.
- Managing AI integration within existing library systems.
- Case study: Smart library automation projects across international libraries.

Module 6: Data Management and AI Analytics for Libraries

- Understanding the role of data in AI-driven library services.
- Applying analytics for improving library decision-making.
- Managing datasets for AI applications.
- Exploring predictive analytics in information management.
- Developing data-driven strategies for library improvement.
- Case study: Data analytics applications in modern global libraries.

Module 7: AI Security, Privacy, and Digital Trust

- Understanding cybersecurity risks associated with AI systems.
- Protecting library user data in AI environments.
- Managing digital identity and access controls.
- Evaluating security features of AI platforms.
- Building trust through responsible technology management.
- Case study: International libraries implementing AI security practices.

Module 8: Future Trends and AI Transformation Strategies

- Exploring future developments in AI and library innovation.
- Preparing libraries for emerging intelligent technologies.
- Developing AI adoption roadmaps for organizations.
- Building AI skills development programs for library teams.
- Measuring the impact of AI implementation.
- Case study: Global smart library transformation initiatives.

Training Methodology

- Interactive instructor-led sessions covering AI concepts and applications.

- Practical demonstrations of AI tools used in library environments.
- Case study analysis from global libraries and information organizations.
- Group discussions focused on AI challenges and opportunities.
- Hands-on exercises involving AI-powered research and automation tools.
- Collaborative workshops for developing AI implementation strategies.
- Real-world scenarios addressing ethical AI adoption.
- Knowledge assessments and practical evaluations.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

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