

Information Technology for Library Organization & Management

2027 000000 2 - 000000 28
Lisbon (Portugal)

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Day 3: Library Process Automation

- Integrated Library Systems ILS overview
- Automating circulation and patron management
- Streamlining acquisitions and cataloging workflows
- Implementing resource sharing and interlibrary loan systems

Day 4: Data Analytics and Decision Support

- Library data collection and management methods
- Analytical tools for monitoring library performance
- Data visualization techniques for reporting and insights
- Evidence-based approaches for strategic decision-making

Day 5: Emerging Technologies in Libraries

- Applications of artificial intelligence and machine learning
- IoT-enabled library spaces for enhanced services
- Virtual and augmented reality in library programs
- Blockchain for secure and efficient library management

Individual Impact

Participants will leave this program with:

- A strategic plan for implementing IT in their library.
- A prototype for a user-friendly digital discovery interface.
- Automated workflows for key library operations.
- Data-driven reports to support decision-making and service improvement.

Organizational Impact

Libraries and institutions will benefit from:

- Streamlined and efficient library processes.
- Improved access to digital resources and enhanced user experience.
- Better-informed decisions through actionable data insights.
- The ability to adopt innovative technologies that future-proof library services.

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The board is checkered and has concentric circles in the background.

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Training Methodology

- Interactive lectures and practical exercises
- Hands-on workshops with real library systems and tools
- Case studies highlighting successful IT integration in libraries
- Group activities to design workflows and digital interfaces

Beyond the Course

By the end of this 5-day program, participants will be ready to:

- Implement IT solutions that transform library operations.
- Automate routine processes for greater efficiency and accuracy.
- Leverage data analytics to drive continuous improvement.
- Integrate emerging technologies to enhance library services and user engagement.

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