

# Information Technology for Library Organization & Management

4 – 8 October 2026  
Istanbul (Turkey)

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## Information Technology for Library Organization & Management

**Ref:** 321723\_168989 **Date:** 4 – 8 October 2026 **Location:** Istanbul (Turkey) **Fees:** 4900 GBP

### Why This Course

In today's digital era, libraries are evolving into dynamic knowledge hubs that leverage technology to enhance services and user experiences. This intensive 5-day program equips library professionals with the skills to implement IT solutions, automate workflows, harness data analytics, and explore emerging technologies. Through a mix of practical exercises, case studies, and hands-on learning, participants will gain the expertise needed to modernize library operations and deliver innovative services.

### What You'll Learn and Practice

By attending this course, you will be able to:

- Understand the transformative role of IT in modern library management.
- Implement digital resource management and discovery systems.
- Automate key library processes to increase efficiency and accuracy.
- Use data analytics to drive informed decisions and improve services.
- Explore emerging technologies, such as AI, IoT, AR/VR, and blockchain, and their application in libraries.

### The Program Flow

#### Day 1: Foundations of Library IT

- Overview of IT applications in modern libraries
- Digital resource management systems and platforms
- Fundamentals of library automation
- IT infrastructure requirements for library operations

#### Day 2: Digital Collections and Discovery

- Developing and managing digital collections
- Metadata standards and best practices
- Discovery layers and search optimization techniques
- Enhancing user experience in digital environments

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) in gold and silver. The text 'UK Training' is in a small, black sans-serif font, and 'PARTNER' is in a large, bold, black sans-serif font below it.

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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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