



Call for Applications and Nominations

**DATA LITERACY FOR LIBRARIANS
AND INFORMATION PROFESSIONALS
FOR ACCOMPANYING DEVELOPMENT
IN AFRICA**

Duration
5 Weeks

Coming Soon

REGISTER NOW

<https://idep-applications.uneca.org/>

Beginning of the Training : 27th June 2023

Application Deadline : 23rd June 2023

**DATA LITERACY FOR LIBRARIANS
AND INFORMATION PROFESSIONALS
FOR ACCOMPANYING DEVELOPMENT
IN AFRICA**

Call for Applications

Announcement in Brief

Course Type : Online Course

Programme Area : Planning

Date: 27th June 2023

Duration : 5 Weeks

Language : Bilingual (French / English)

Application Deadline : 23rd June 2023

Website : <https://knowledge.uneca.org/idep>



Programme Rationale

Library and information science (LIS) is more essential than ever in the 21st century. As we are in the digital age, so do our libraries. Libraries are no longer just repositories of books and other resources, but also facilitators of digital connections. Technology and the internet have made libraries essential in connecting people to the information they need. LIS has become essential in creating and preserving information, as well as creating more efficient ways to access it.

Data management is equally essential to achieving 21st century economic development, particularly in Africa. In an increasingly interconnected digital age, data management is key to the success and growth of both businesses and countries. Data drives decision-making and informs strategic investments, as well as informs and optimizes policy. Data management is central to Africa's 21st century economic development and has become increasingly relevant to the continent's prospects.

African librarians and information professionals are uniquely positioned to use their data skills to bridge gaps between traditional information resources and modern technology. As the world moves further into the digital sphere, having knowledge and understanding of data science has become essential to those serving in this role. African librarians and information professionals must continue to stay informed and up to date in order to continue providing the high-quality services their patrons have come to expect.

Data management is a critical component of Africa's 21st century economic development. It is vital that African countries recognize the importance of this and invest in the necessary resources and infrastructure to ensure the effective and safe management of data. By doing so, organizations, governments, and businesses can ensure that data is being put to its best use when it comes to informing decision-making and driving economic growth.

To implement these recommendations, a distance learning program on Data Literacy is being organized to equip organizations, governments, and businesses to ensure that data is being put to its best use when it comes to informing decision-making and driving economic growth.

Objectives

The Data literacy/Analysis Learning Course provides learners with the essential skills and knowledge necessary to be successful in the ever-changing world of data. It will cover the fundamentals of data manipulation, governance and visualization and will provide learners the opportunity to practice their skills through hands-on activities and projects. Through the completion of this course, learners will have gained a thorough understanding of data literacy, necessary for success in the workplace.

Content

The course will cover the following modules:

- **Module 1:** Introduction to Data Literacy and Management
- **Module 2:** Data Types
- **Module 3:** Data processing (Analytics and Decision Making)
- **Module 4:** Data Storage and Re-use
- **Module 5:** Data Protection and Law

Skill To Be Imparted

At the end of the course:

- Learners have gained the necessary skills to apply data-driven problem solving and decision-making processes.
- Learners are better positioned to identify different sources of data and turn it into useful information, by understanding how to strategically analyze and utilize data,
- Learners can uncover correlations, connections, and trends within specific datasets, making for a more comprehensive approach to problem solving and decision making, through recognition of various analytical methods and the ability to visualize datasets.
- Learners understand the interconnectedness of data in our society and economy.
- Learners can comprehend and describe the impact of data on the world around them (local, national contexts), from the development of artificial intelligence to the ever-growing power of social media algorithms.
- Learners can understand the potential of data for both positive and negative outcomes.
- Learners can appreciate the various capabilities of data and its implications in fields such as public policy, business, economics, development planning, etc.
- Learners are equipped with the basic understanding and tools needed to identify limitations in data sets, as well as bias.
- Learners are better equipped to question assumptions derived from datasets and should be less likely to draw inaccurate conclusions due to data.
- Learners understand ethical principles related to data collection and analysis and the basic measures taken to minimize bias.
- Learners equipped with the necessary skills to look critically at data sets, such as when analyzing and interpreting data in order to make better decisions.
- Learners are more apt to continually question the accuracy and relevance of data, as well as be more

Pedagogical Approach and Mode of Delivery

This online course will be delivered from 27th June 2023. Virtual sessions are also planned for more interaction between the pedagogical team and the learners. These latter are able to self-assess their understanding of learning materials through built-in quizzes and exercises.

Additional resources, including suggested readings, bibliographies, Internet links and optional reading are provided for participants who wish to deepen their knowledge on a course topic.

The course will be delivered in English and French. The pedagogical team comprised of a Course Director and the tutor will provide daily on-line assistance to participants at scheduled times. An Internet connection is required to interact with both Course Director and tutor.

The course will run over a period of five (05) weeks. The sixth week will be dedicated to a final evaluation or exam that will assess participants' knowledge.

Certificate of Completion

A Certificate of Completion will be issued by IDEP to all participants who successfully complete the final exam.

Target Audience

The course targets African librarians and information professionals involved in collecting, managing data and promoting access to information.

Acceptance to the Course

Until the registration deadline, participants are accepted to the course on a rolling basis and subject to availability of slots. Applications must be completed exclusively on IDEP online application platform at: <https://idep-applications.uneca.org/>

Technical Requirements

Access to Internet is an essential condition for participation. The following specifications, as a minimum in terms of hardware and software, are required to take this e-Learning course, please consult your Network Administrator or Systems person to ensure that you have the following:

- Platform: Windows 95, 98, 2000, NT, ME, XP or superior; Mac OS 9 or Mac OS X; Linux
- Hardware: 64 MB of RAM, 1 GB of free disk space
- Software:
 - Adobe Acrobat Reader
 - Adobe Flash Player
 - Microsoft Office (Windows or Mac) or Open Office
 - Browser: Internet Explorer 7 or higher or Firefox 36 or higher
- Modem: 56 K
- Note that JavaScript, Cookies and Pop-ups must be enabled

Important Dates

- Deadline for Applications: **23rd June 2023**
- Course Period: **27th June 2023**

Contact Information

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The African Institute for Economic Development and Planning



N.B : IDEP strongly encourages and supports the participation of suitably qualified female officials in its capacity development and training programme.