

AI4LAM

# Libraries in the age of AI

Creative Technologist Talk – SLV LAB

January 2026

Ines Vodopivec  
Secretary General

# BACKGROUND INFORMATION

## TITIAN: FACES OF FABRICA

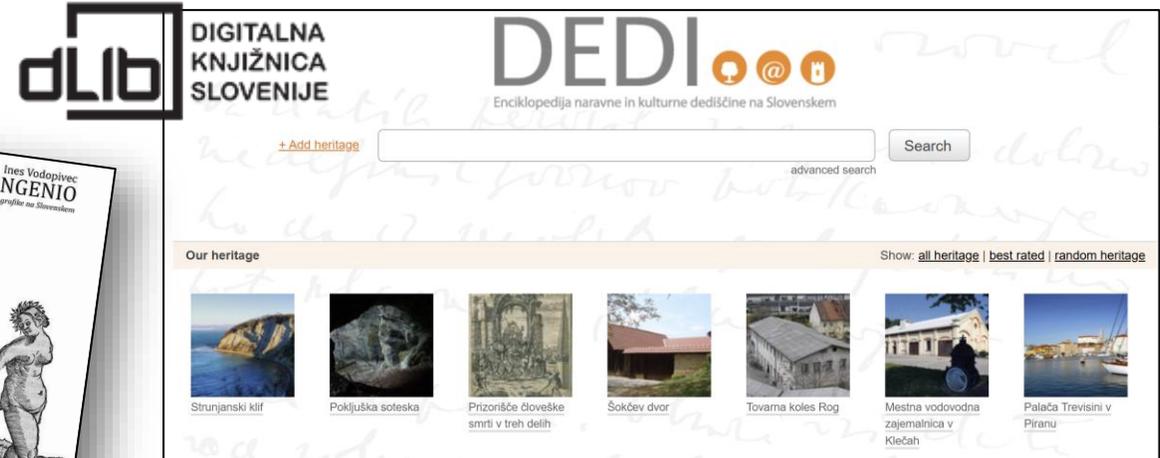
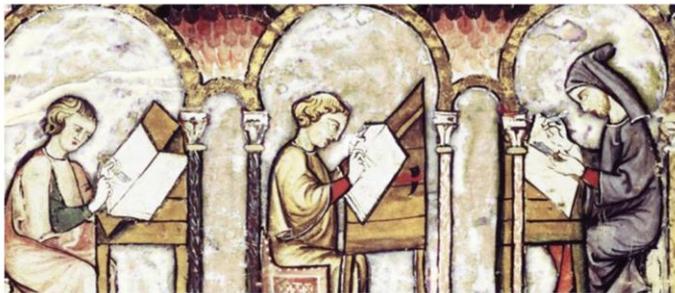


Heads of the Muscle men, details, c. 1542/1543

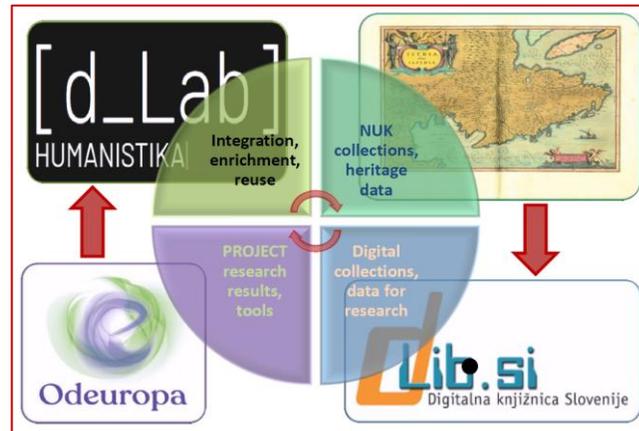


St John the Evangelist, St Luke,  
The Descent of the Holy Ghost,  
c. 1545 (Santa Maria della Salute, Venice)  
Magic of the Renaissance, Florence 2018

## THE ART OF READING IN THE MIDDLE AGES



Digital Encyclopedia of Natural and Cultural Heritage of Slovenia  
2010

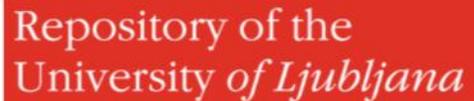




Social Science Data Archive



Digital Library of Slovenia



Digitalna Knjižnica Univerze v Mariboru



INTERNATIONAL INTERNET PRESERVATION CONSORTIUM



SLOVENIAN OPEN SCIENCE COMMUNITY



europeana



Open Science Slovenia  
ACCESS TO KNOWLEDGE FROM SLOVENIAN RESEARCH ORGANIZATIONS

**DIGITIZATION**

**ACCESSIBILITY**

**REUSE**



Social Science Data Archive



eosc



Digital Library of Slovenia



netpreserve.org

INTERNATIONAL  
INTERNET  
PRESERVATION  
CONSORTIUM



SLOVENIAN  
OPEN SCIENCE  
COMMUNITY



europaana

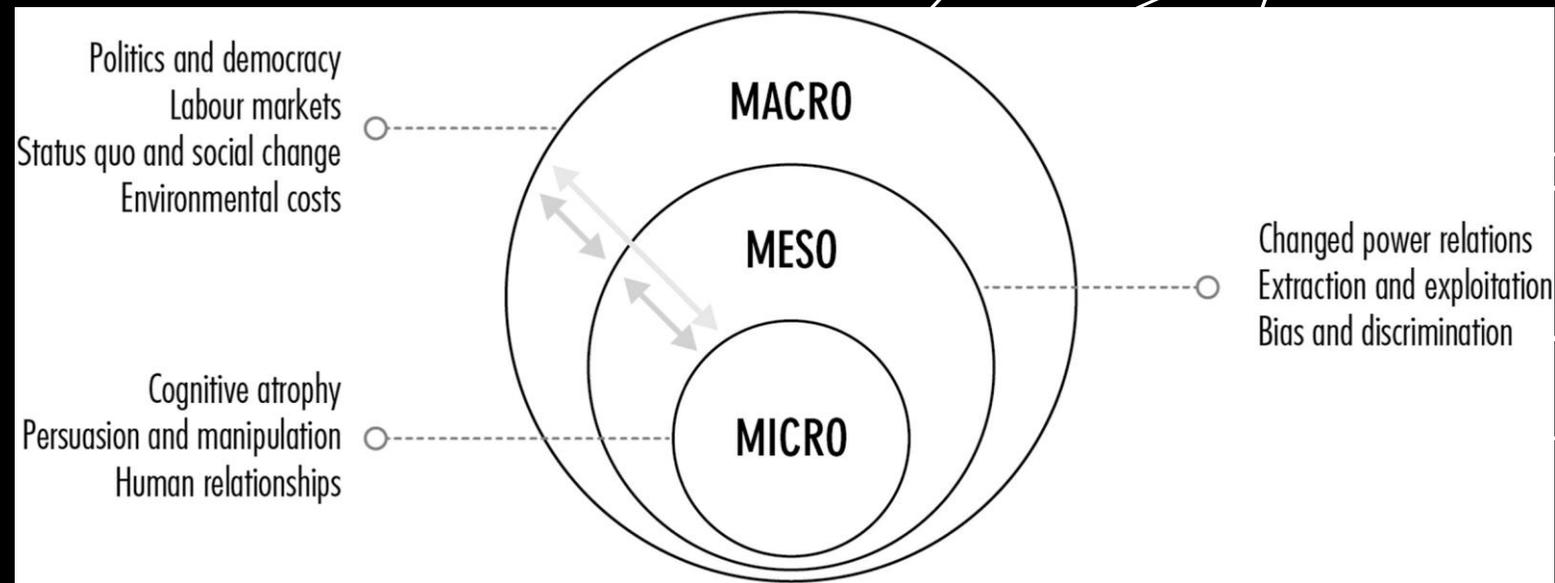


**SICRIS**

Slovenian  
Research Information  
System

Open Science Slovenia  
ACCESS TO KNOWLEDGE FROM SLOVENIAN RESEARCH ORGANIZATIONS

# ARTIFICIAL INTELLIGENCE IS HERE TO STAY



Henrik Skaug Sætra, Generative AI: Here to stay, but for good?, *Technology in Society*, Vol. 75, 2023, ISSN 0160-791X,  
<https://doi.org/10.1016/j.techsoc.2023.1a02372>.



ScienceDirect®



# AI AND CHANGE OF WORKFLOWS

## Global shift:

1. Users' perspective
2. Employees perspective
3. Institutional shift
4. (Meta)data perception



**HUMAN  
PERSPECTIVE:  
CREATORS  
AND USERS OF  
CULTURAL HERITAGE DATA**

# CH EMPLOYEES

- Fear of change
- Skills and knowledge gaps
- Changing professional profiles
- Quality of service



# CHANGE HOW USERS

- access information
- search for information
- expect information
- process and use information





# INSTITUTIONS

AI Librarian

# INSTITUTIONAL AI ACTIVITIES

- Identifying gaps and needs
- Educating and training employees
  - Educating and training users
- Seeking new skills and recruiting new profiles
  - Changing workflows
  - Addressing ethical issues
- Adapting and adopting policies and strategies



**“AI literacy will be invaluable in helping to equip our students and faculty for a world permeated by this technology.”**

*Leo Lo, Dean of library*

**A fool with a tool is  
still a fool.**

Grady Booch

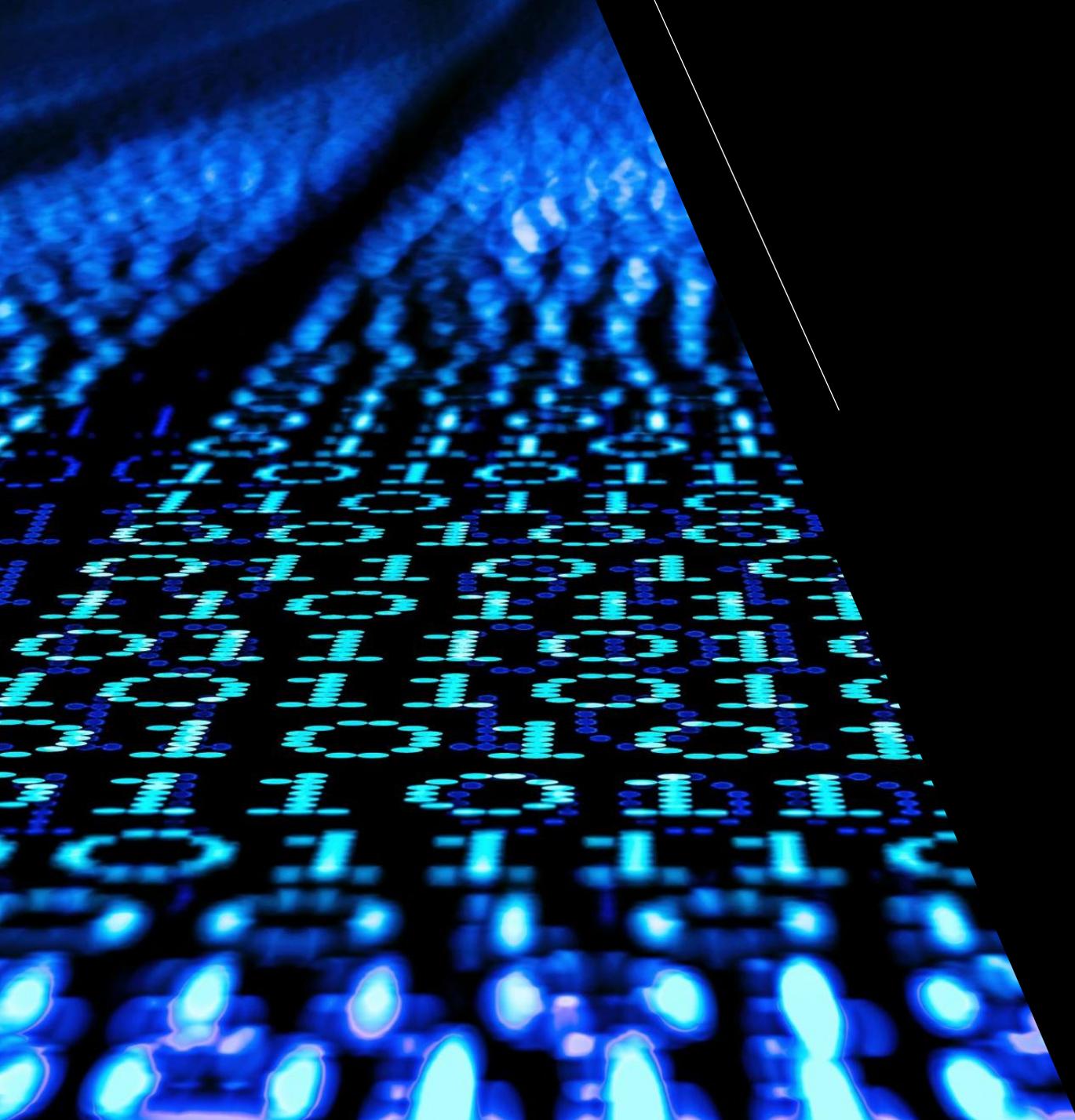
“ quote fancy



**EDUCATION AND TRAINING!**

**EDUCATION AND TRAINING!**

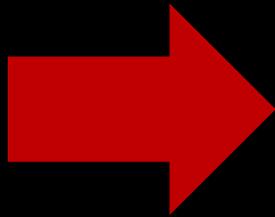
**EDUCATION AND TRAINING!**



**DATA**

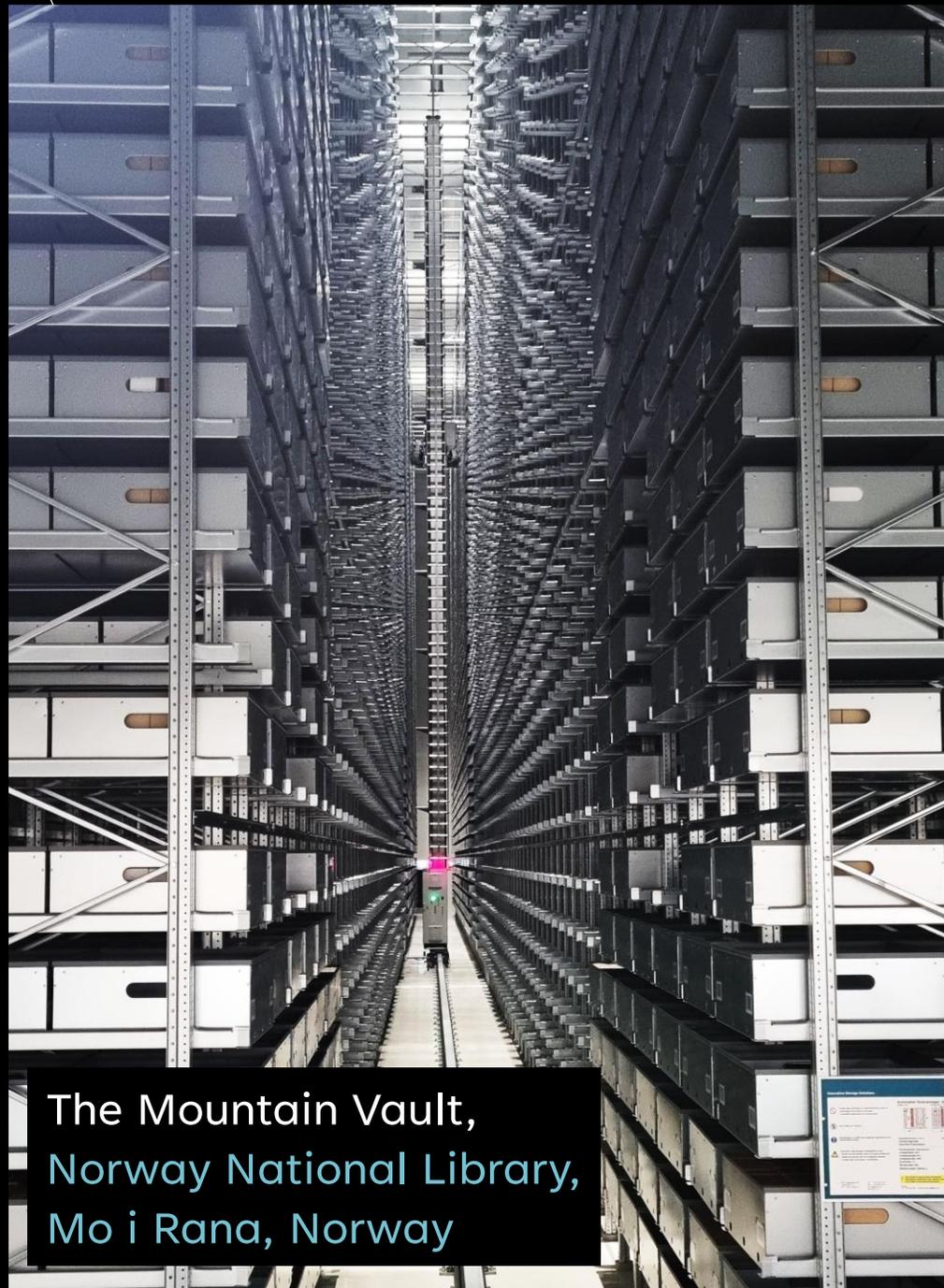
# (META)DATA!

- Digitised material
- Digitally born material
- Harvested web
- Databases and repositories
- Research data
- E-resources ...

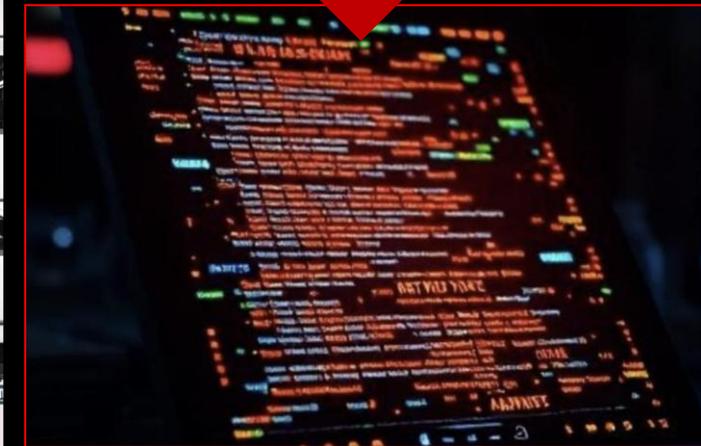


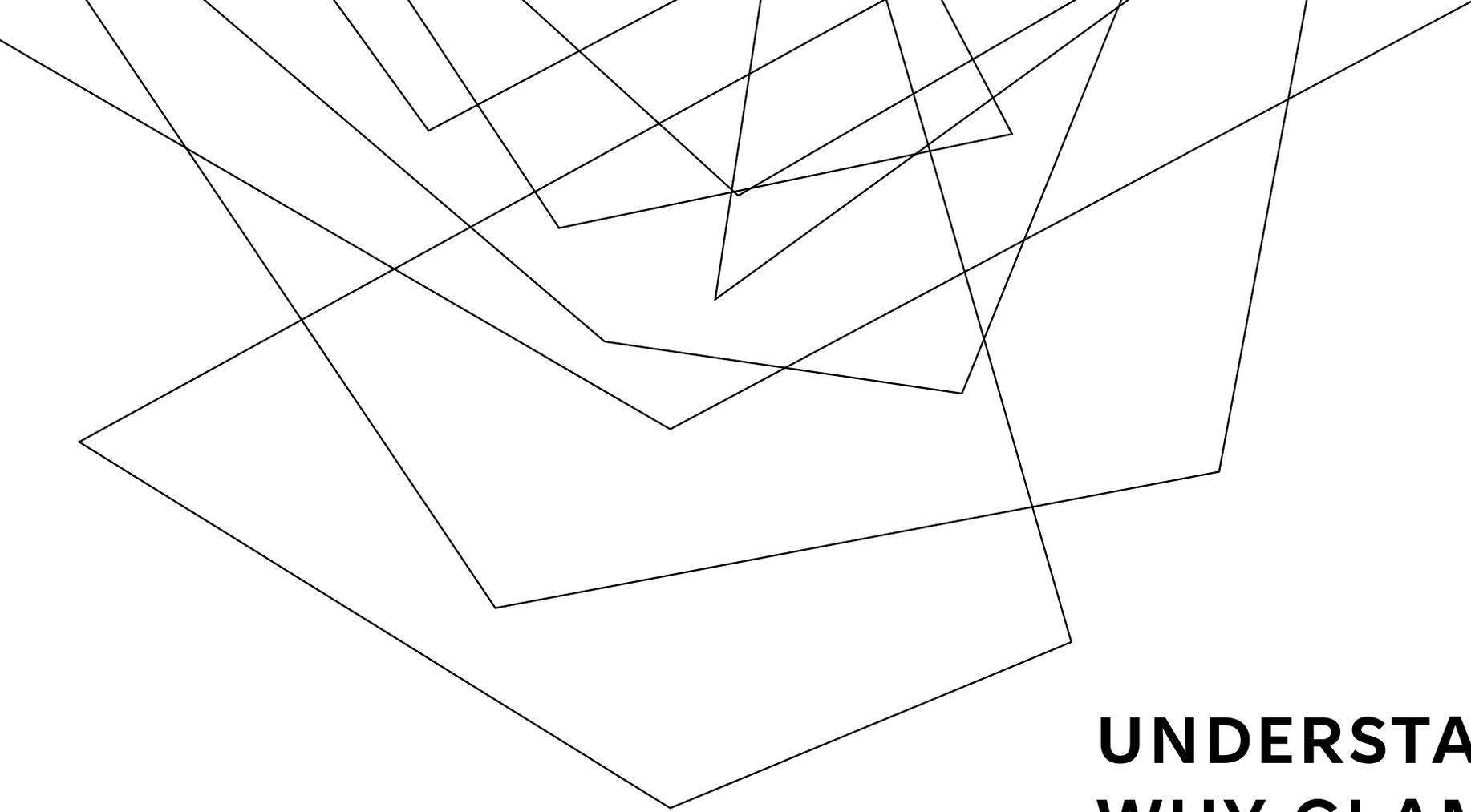
## CHANGE OF:

- Creation
- Management
- Access
- (Re)use



The Mountain Vault,  
Norway National Library,  
Mo i Rana, Norway



The top half of the image features a complex, abstract pattern of thin black lines. These lines intersect to form various irregular polygons and shapes, creating a sense of depth and movement. The lines are scattered across the upper portion of the frame, with some extending towards the right edge.

**UNDERSTANDING  
WHY GLAM DATA IS  
(NOT?) IMPORTANT**



EU Commission recommendation to accelerate the digitisation of cultural heritage assets  
A common European data space for cultural heritage  
Posted on: 22 November 2021

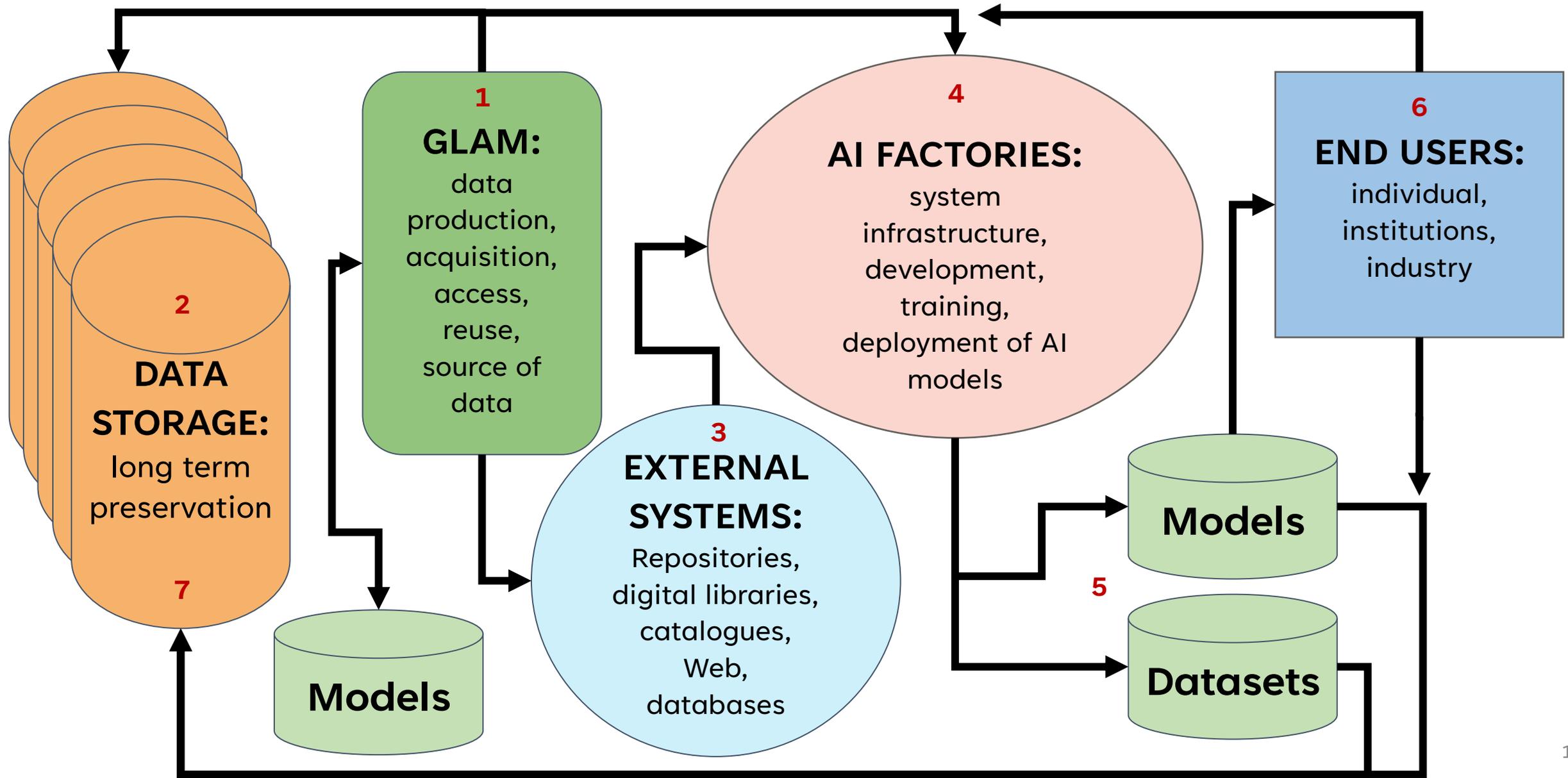


Cultural heritage data not in forefront of AI driven world anymore



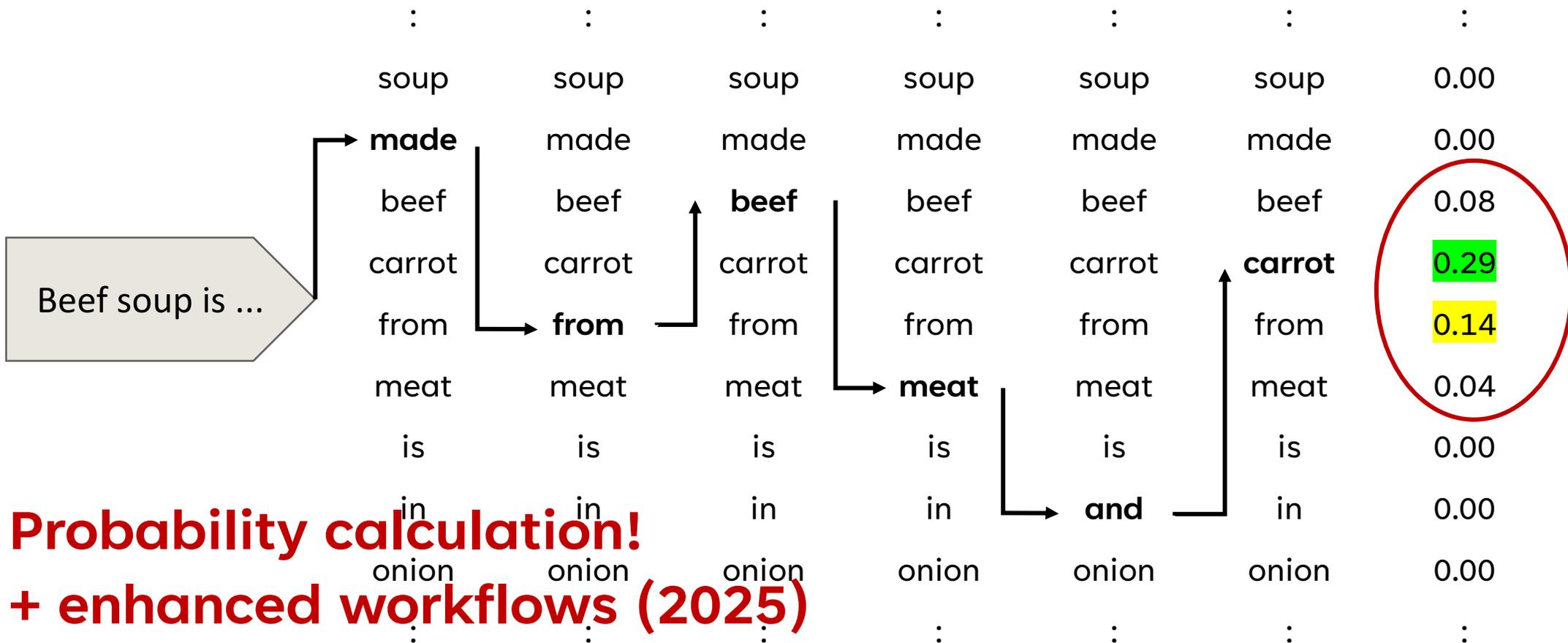
**WHY OPEN DATA IN  
SCIENCE (OPEN SCIENCE)  
AND NOT IN  
CULTURAL HERITAGE?**

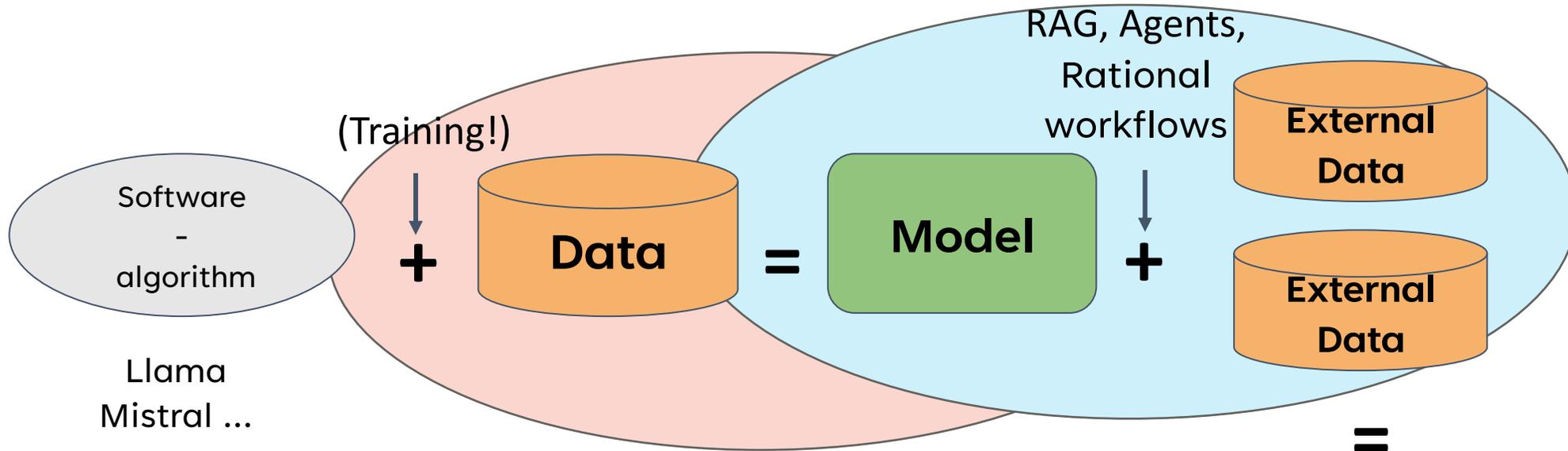
# LIBRARY DATA IN AI DRIVEN DIGITAL ENVIRONMENT



# GENERATIVE LANGUAGE MODELS

Prompt and answer: "Beef soup is made from beef meat and carrot."





Llama  
Mistral ...

**LIBRARY DATA!**

- Digitised / Digitally Born Cultural Heritage
- Different Media Types to support user experience (for persons with disabilities etc.)

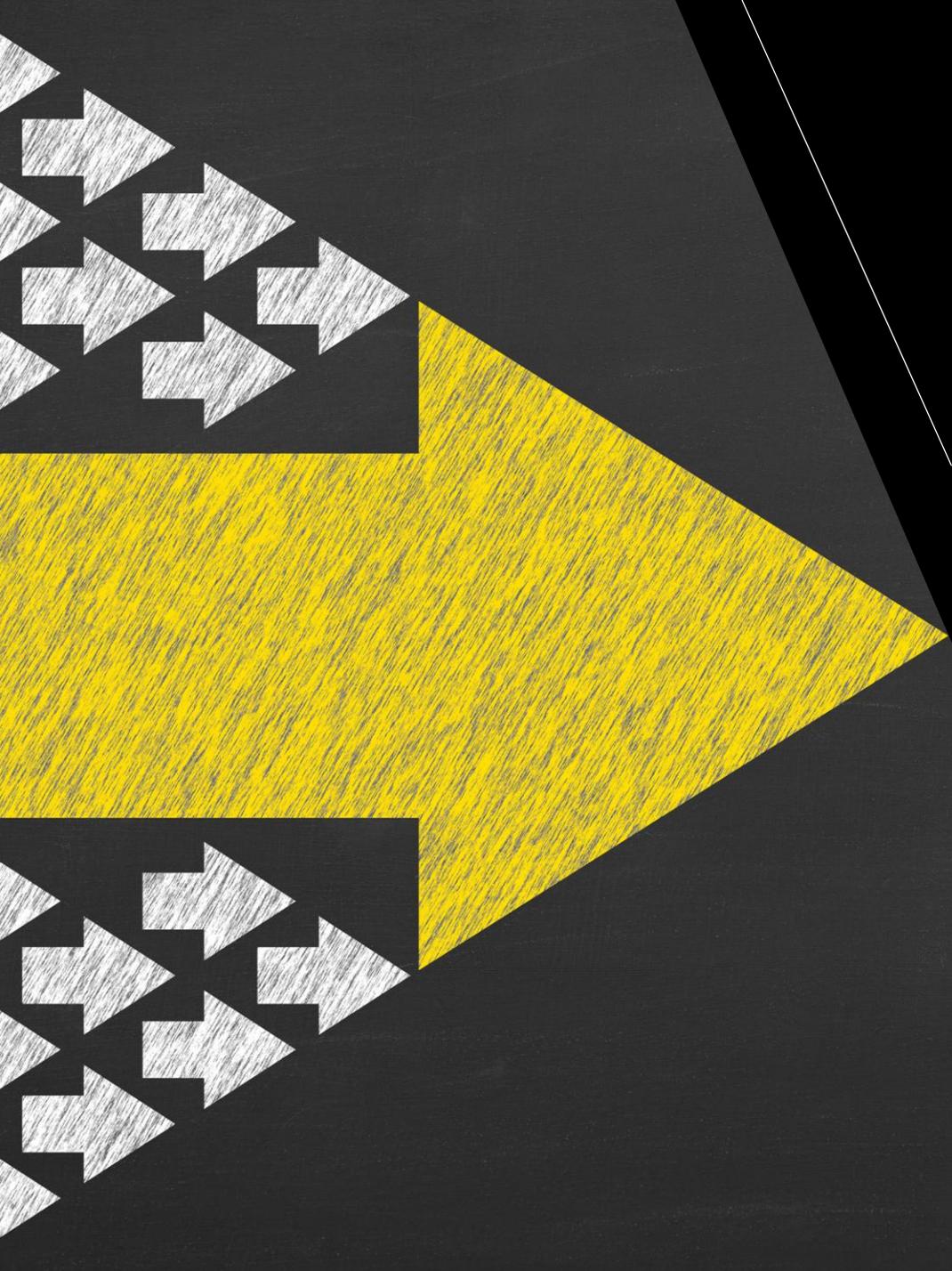
- Natural Language Processing (NLP)
- Chatbots
- Transcribers
- Analytical tools
- Recommendation Systems
- Virtual Assistants and Onsite Visitor
- Translations and exhibition guides

- Scientific support (any scientific field)
- Industry and tourism
- Culture
- Education

**STAY IN THE GAME!**



**WAY TO SUCCESS:  
COLLABORATION!**



**ARTIFICIAL  
INTELLIGENCE FOR  
LIBRARIES, MUSEUMS  
AND ARCHIVES**

MOU? 2018-2019

\$? **NO**

What does membership require?  
... man?

Administration = Defined **YES**

Participation = **Open**

Levels of membership = ?

Commercial Participants = **Yes**?  
→ this may be finance/organization  
→ participant or commercial only

Membership? → **NO**

Conference  
- Monthly call  
- ~~Website~~ Key To Do's

Website  
- WG Structure - SAO  
Conf. program committee - EB  
- 1st report out - RDA  
- 2nd report out - IIF  
- 3rd report out - IIF  
- 4th report out - IIF  
- 5th report out - IIF  
- 6th report out - IIF  
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- 99th report out - IIF  
- 100th report out - IIF



**FANTASTIC FUTURES**  
2nd International Conference on AI for Libraries, Archives, and Museums  
December 4-6, 2019 at Stanford University

**LES LETTRES FANTASTIQUES**  
3rd International Conference on AI for Libraries, Archives, and Museums  
December 5-10, 2021 at the Bibliothèque nationale de France

**FANTASTIC FUTURES**  
Fantastic Futures 2023  
November 15-17 at Internet Archives Canada

**AI4LAM**  
AI4LAM Virtual Event 2022  
November 30 - December 2, 2022 and hosted virtually via the British Library

**FANTASTIC FUTURES**  
Fantastic Futures 2024  
National Film and Sound Archive of Australia  
16 - 18 October 2024  
For more information see IFLA conference and sign up for announcements.

**AI4LAM** **FF24**

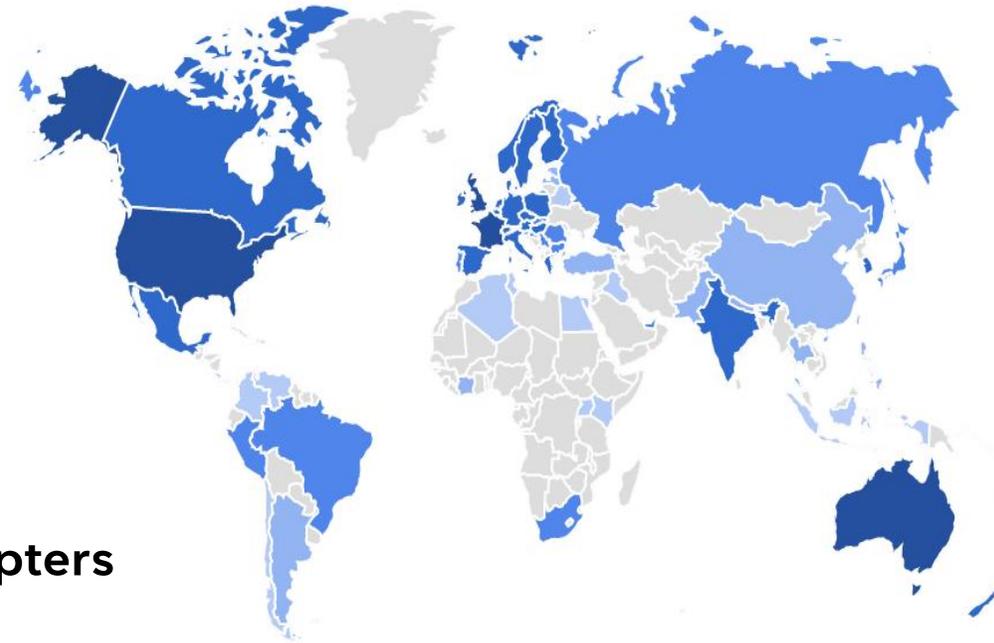
AI4LAM



# Global outreach and participation

## KEY FACTS

- AI4LAM first MoU in 2018
- Global network 1.500+ members
- Working Groups and Regional Chapters
- New MoU implementation in 2025



### COUNTRY

United States

Australia

United Kingdom

France

Netherlands

Germany

Norway



**LIBRARY**



**BRITISH LIBRARY**

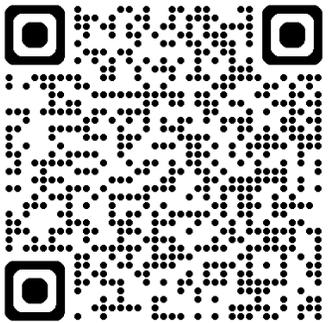
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AI4LAM

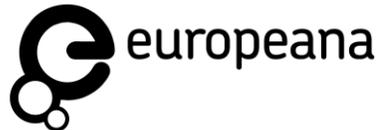
# Memorandum of Understanding

Signing Ceremony – 3 December 2025, British Library, London

46  
organizations



# AI4LAM



Poznan Supercomputing and Networking Center



Archipanian



LIBRARY





Europeana Conference 2025 Warsaw, Europeana Foundation, CC BY-SA



AGM 2018 Vienna, Europeana Foundation, CC BY-SA

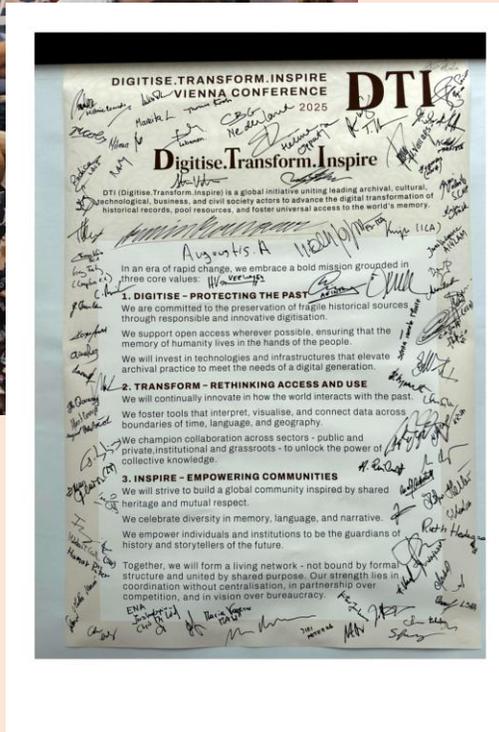




 europeana **Alignment Assembly on ‘Culture for AI’**



INTERNATIONAL  
COUNCIL ON ARCHIVES  
CONSEIL INTERNATIONAL  
DES ARCHIVES



# DTI Initiative Digitise. Transform. Inspire. Vienna, 2025



# AI4LAM COMMUNITY

Community driven AI4LAM:  
For whom?  
By whom?

## GLAM representatives

- Managers, directors, leaders
- librarians, researchers, collection curators, archivists...
- IT system developers
- data managers and scientists

## University personnel

- professors, lecturers and educators
- librarians
- students
- Open Science officers
- ...

## IT representatives

- AI developers
- Infrastructure developers
- Data scientists
- LLM researchers
- ...

# CROSS- SECTORAL COLLABORATION

- Breaking silos
  - Holistic problem-solving
  - Shared resources and expertise
- Addressing similar issues and challenges
  - Motivation for integration of innovation







**AI4LAM:**

## **THE POWER OF CHANGE**

**INDIVIDUALLY, WE ARE SLOW AND ISOLATED.  
TOGETHER, WE CAN GO FASTER AND FARTHER!**

- collective power, global impact,
- driving innovation in GLAM,
- advocating for responsible, reliable, and trustworthy AI solutions,
- ambassadors of positive change and digital transformation.



# MAIN AREAS OF WORK:



## Accelerating

- development,
- testing,
- evaluation and
- integration

of AI tools and services into institutional workflows for innovative solutions and accessibility.

## Advancing

- professional skills with
- educational programs and community work for enhanced efficiency and improved accuracy.

**AI4LAM**  
FANTASTIC FUTURES  
WASHINGTON D.C.  
14-18 SEPTEMBER 2026

**National**  
Gallery of Art

 Smithsonian

**LIBRARY** LIBRARY OF CONGRESS

## STAY TUNNED:

- Call for proposals:  
**First week of February**
- Call for **Fantastic Futures Innovations Awards!**



HOW CAN YOU  
JOIN US?



# MEMBER ORGANIZATIONS

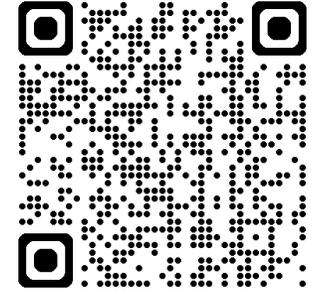
## MEMBERSHIP FEE

- Expert Committee
- National and Regional Nodes and Networks
- Academia: modular training curricula
- Fantastic Futures conference
- Expert Registry Hub – individual / institutional

## Old Working Groups:

- Evaluation WG
- Metadata WG
- Speech-to-Text WG
- Teaching and Learning AI WG

# WORKING GROUPS



## New Groups in Formation:

- Named Entity Recognition,
- Ethics and Data Sharing,
- AI Literacy,
- AI Infrastructures,
- Chatbots and Collections Explorers,
- Legal Deposit and Web Harvesting,
- AI Agents and Accessibility of Data,
- AI Cybersecurity,
- AI in 3D Analysis,
- AI in Pictorial Analysis,
- Automatic Text Recognition Working Group.



[Google Group](#)  
[Mailing List](#)



[Google Drive](#)



[Slack \(Chat\)](#)  
[View](#) | [Join](#)



[YouTube](#)



[GitHub](#)  
[List](#) | [Form](#)

- Call for MO participation
- Priority at FF Conferences for workshops and meetings
- Webinars and Online Trainings
- Community calls



# DIGITAL HUMANITIES



# ~~DIGITAL HUMANITIES~~

Research in the humanities today is nearly impossible without digital infrastructure and tools.



**ARTIFICIAL INTELLIGENCE**

**=**

**NEW TECH**

**Generic term**



~~ARTIFICIAL INTELLIGENCE~~

=

**NEW TECH**

**New enhanced technology for different areas of cultural heritage research and management:**

- **textual research**
- **vector analysis**
- **3D AI reconstruction of objects**
- **data management/access enhancement** (for ex. knowledge graphs connect complex data with relationships between entities, improving recommendations, discovery, and decision-making)...

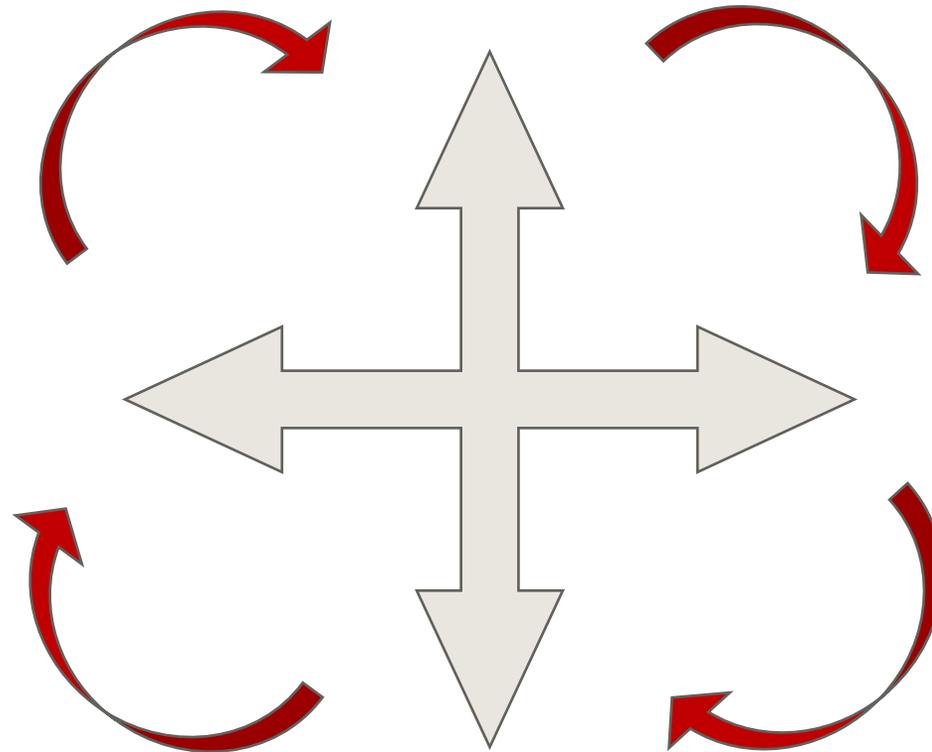
## AI developed on the market and adopted by GLAM

TESTING,  
EVALUATION,  
COMPARISON

For internal use:  
Like

- metadata creation,
- enhancing automatization,
- support of working processes,
- improving accuracy of OCR etc.

ADDRESSING  
INTERNAL  
ISSUES



FOLLOWING  
USERS NEEDS  
AND BEHAVIOUR

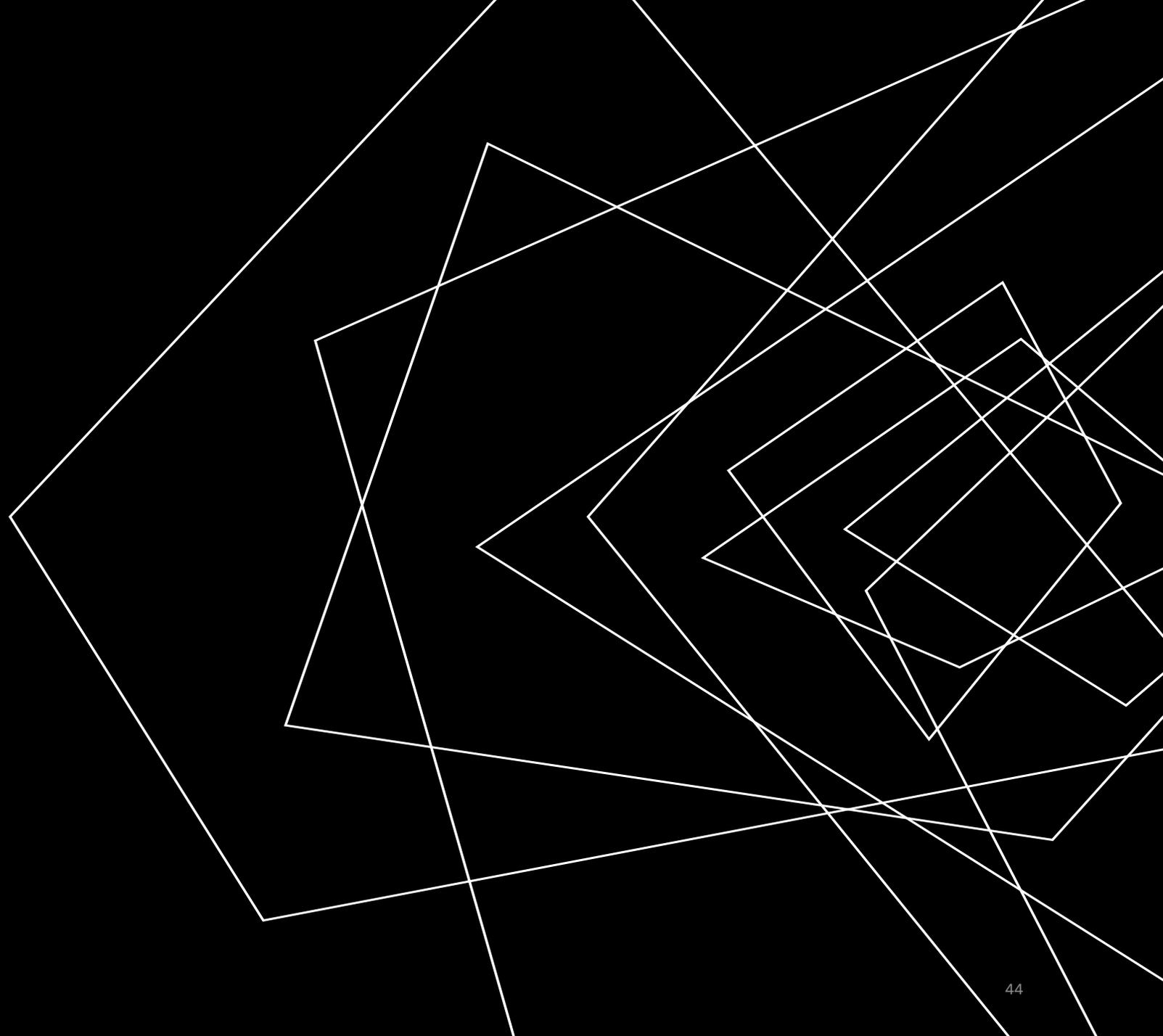
For external use:  
Like

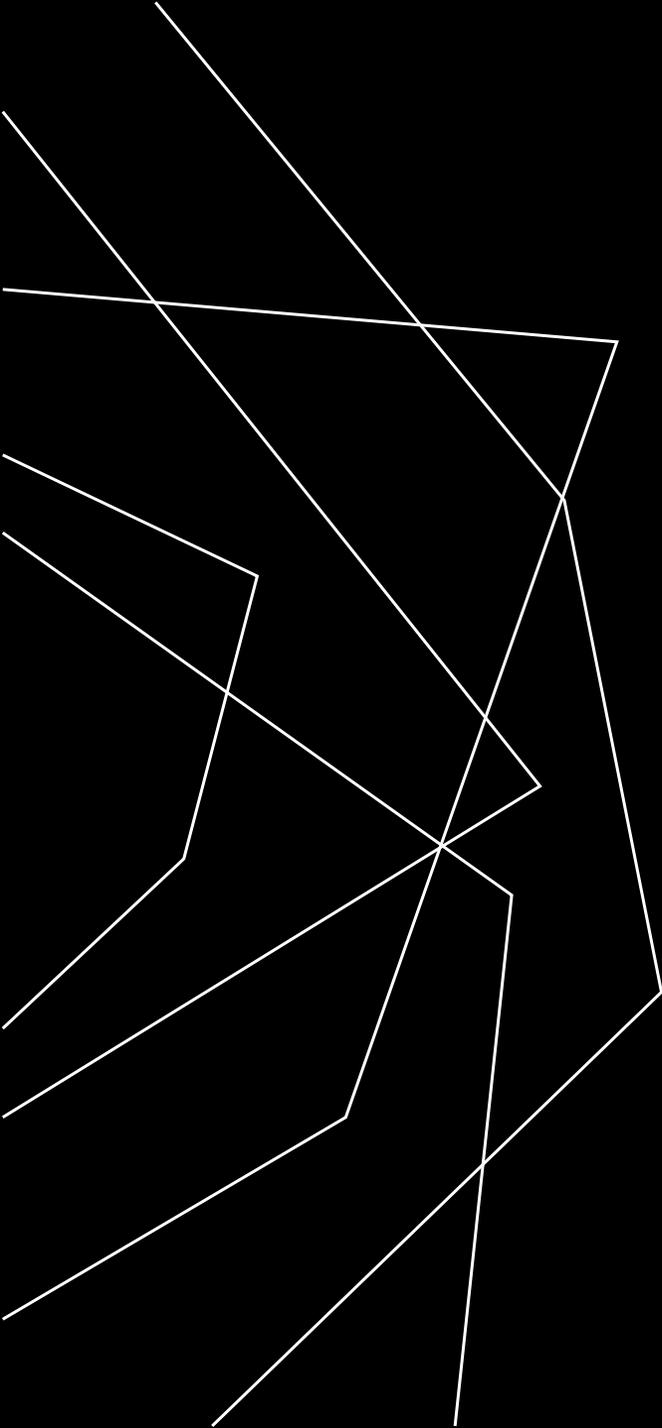
- chatbots and retrieval systems,
- research and education,
- segmentation of digital data etc.

ADAPTING USER-ORIENTED  
SERVICES

## AI developed by GLAM and used in real-time applications

**EXAMPLES  
FROM  
PRACTICE:  
AI4LAM  
PARTNERS**





# LIBRARY OF CONGRESS

## Responsible AI Strategies

Abigail Potter



# Principles for AI Use at the Library of Congress

## Strengthen Trust

The Library will ensure that we are collecting, stewarding, and providing authentic and authoritative information in keeping with the mission of the Library.

## Enhance Public Benefit

The Library will use AI technologies to support the broad availability and accessibility of our resources and services when, where, and how Congress and the American public need them.

## Increase Accountability

The Library will ensure AI implementations are transparent and are used to augment the staff's responsibilities to serve Congress and the American people.

## Foster Equity

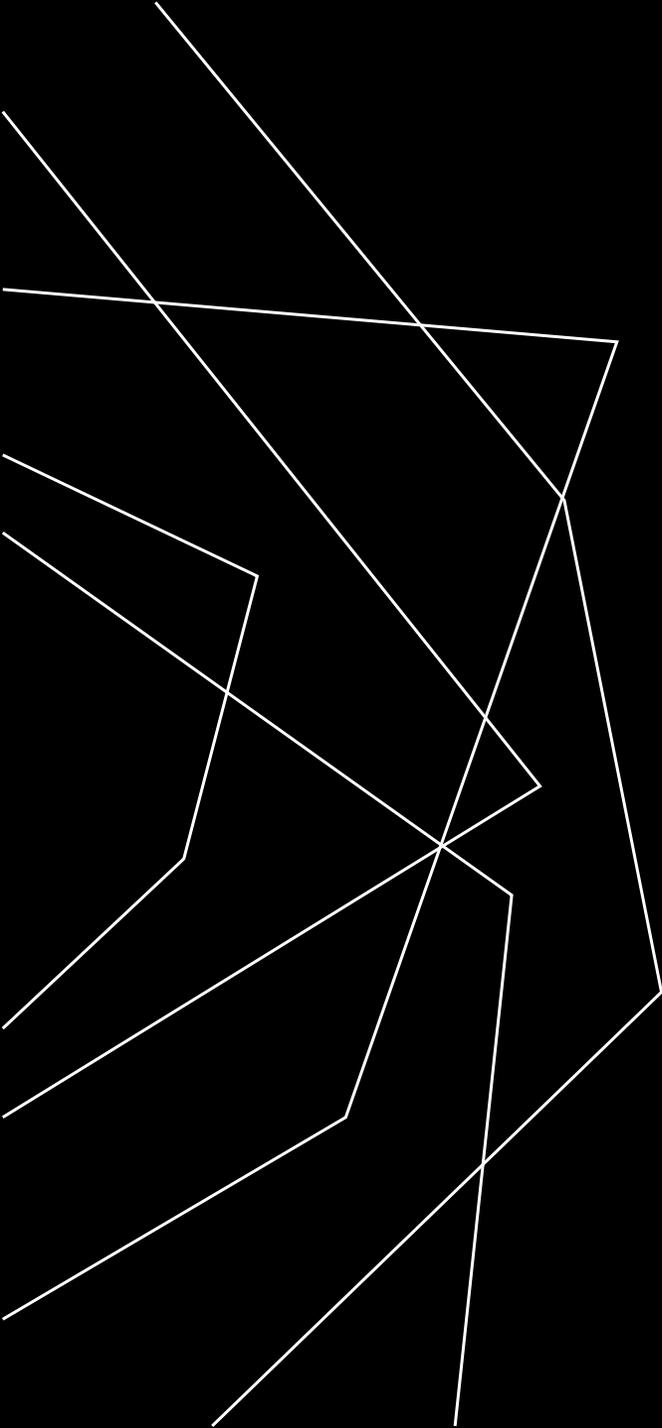
The Library will proactively identify and reduce potential harms from biases and imbalances inherent in data-driven AI technologies by collaborating with communities and setting high quality standards for equitable outcomes.

## Ensure Security

The Library will implement AI only as appropriate after thoughtful consideration of information technology security and privacy risks and will take steps to mitigate those risks.

## Protect Rights

The Library's AI implementations will protect the intellectual property, privacy, civil liberties, and civil rights of Congress, staff, and the American people.



# UNIVERSITY OF VIRGINIA

## AI Literacy

**Leo S. Lo**

**Dean of Libraries, Special Advisor to the Provost  
on AI Literacy**



- *leolo@virginia.edu*
- *Follow or connect with Leo on LinkedIn for updates on AI and libraries*
- <https://www.linkedin.com/in/leoslo/>

# UVA AI Literacy & Action Lab: A Framework for Applied Learning

A collaborative initiative by the UVA Library and College of Arts and Sciences to foster responsible AI skills through applied projects.

## The Core Framework

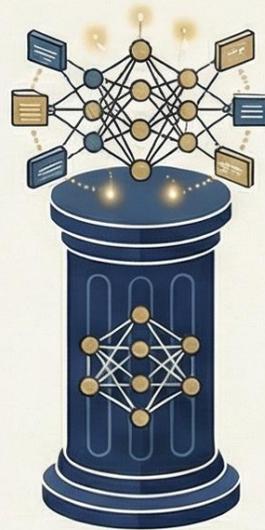


### A Lab for Learning Through Action

Teams of students and faculty use AI tools to solve real research or teaching problems.

## Building 5 Core Competencies

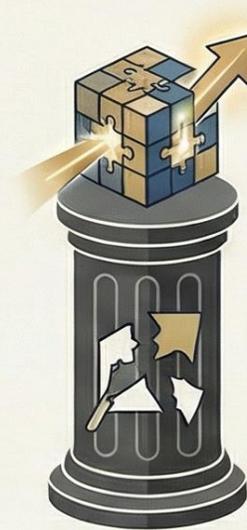
Every project is structured to build capability across five key areas of AI literacy.



**Technical Knowledge**  
Understanding how AI systems work and where they fail.



**Ethical Awareness**  
Learning what constitutes responsible use in context.



**Critical Thinking**  
Checking for accuracy, bias, and credibility.



**Practical Skills**  
Focusing on tool use and workflow design.



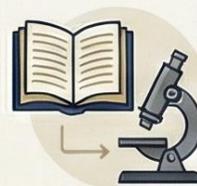
**Societal Impact**  
Analyzing effects on jobs, culture, and power.

## Outcomes & Benefits for Stakeholders



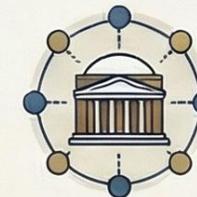
### For Students: A Career-Ready Portfolio

Create a tangible artifact of applied AI work for internships and jobs.



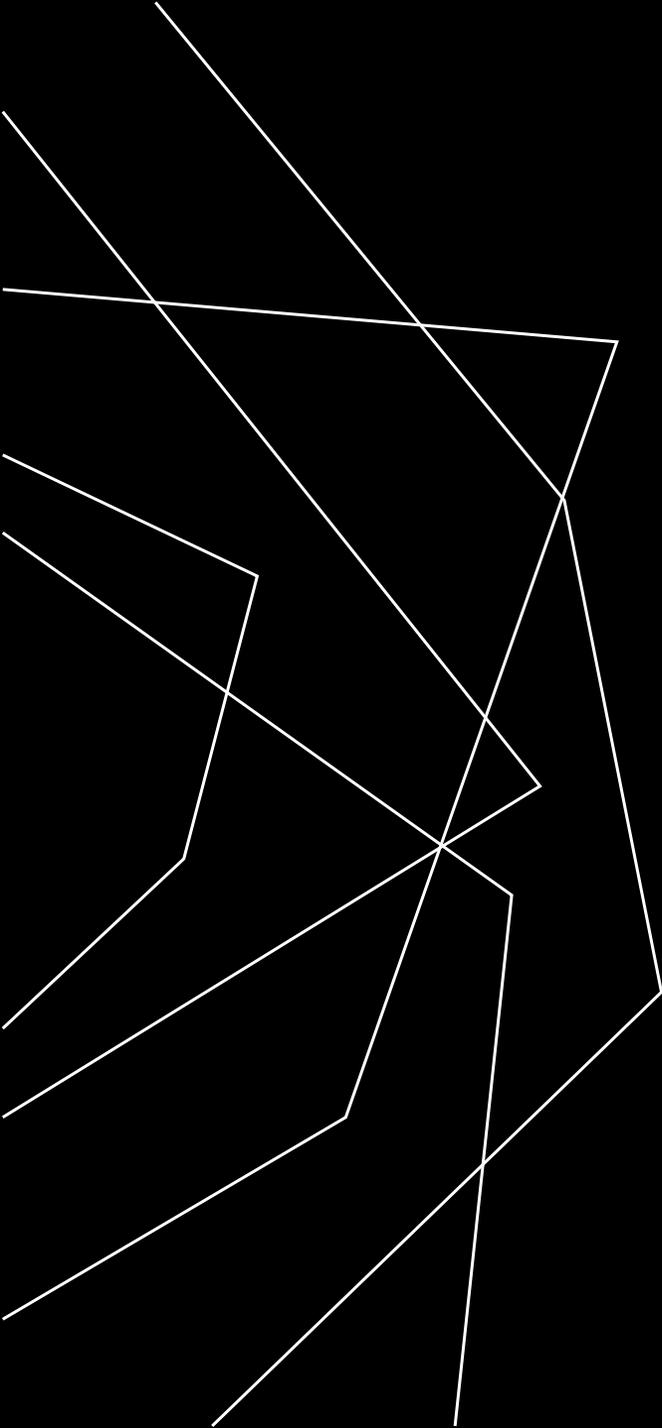
### For Faculty: A Supported Path to AI Integration

Experiment with AI in research or teaching without needing to be a technical specialist.



### For UVA: A Scalable Model for Responsible AI

Creates a visible proof of concept to expand responsible AI education campus-wide.



# NATIONAL LIBRARY OF NORWAY

**AI-supported automation in mass digitization of  
newspapers and journals**

**NLN AI-lab, Rolv Arild Braathen and Freddy Wetjen**



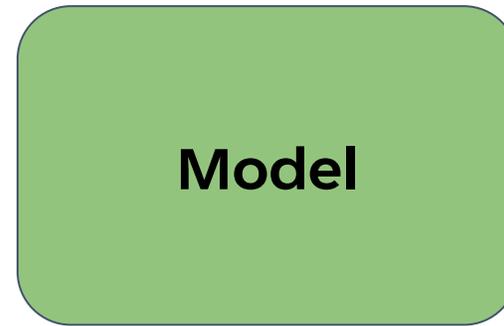
# AI in mass digitization of newspapers and journals



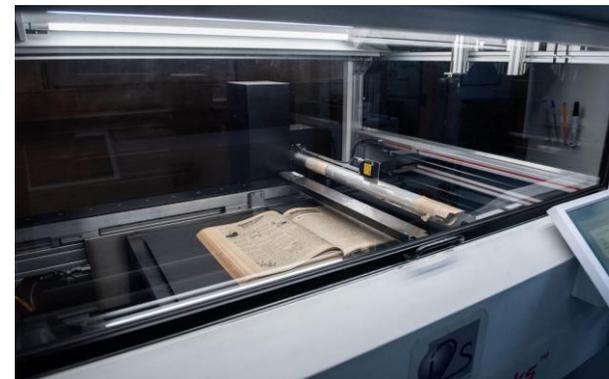
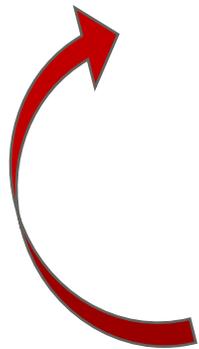
(Training!)

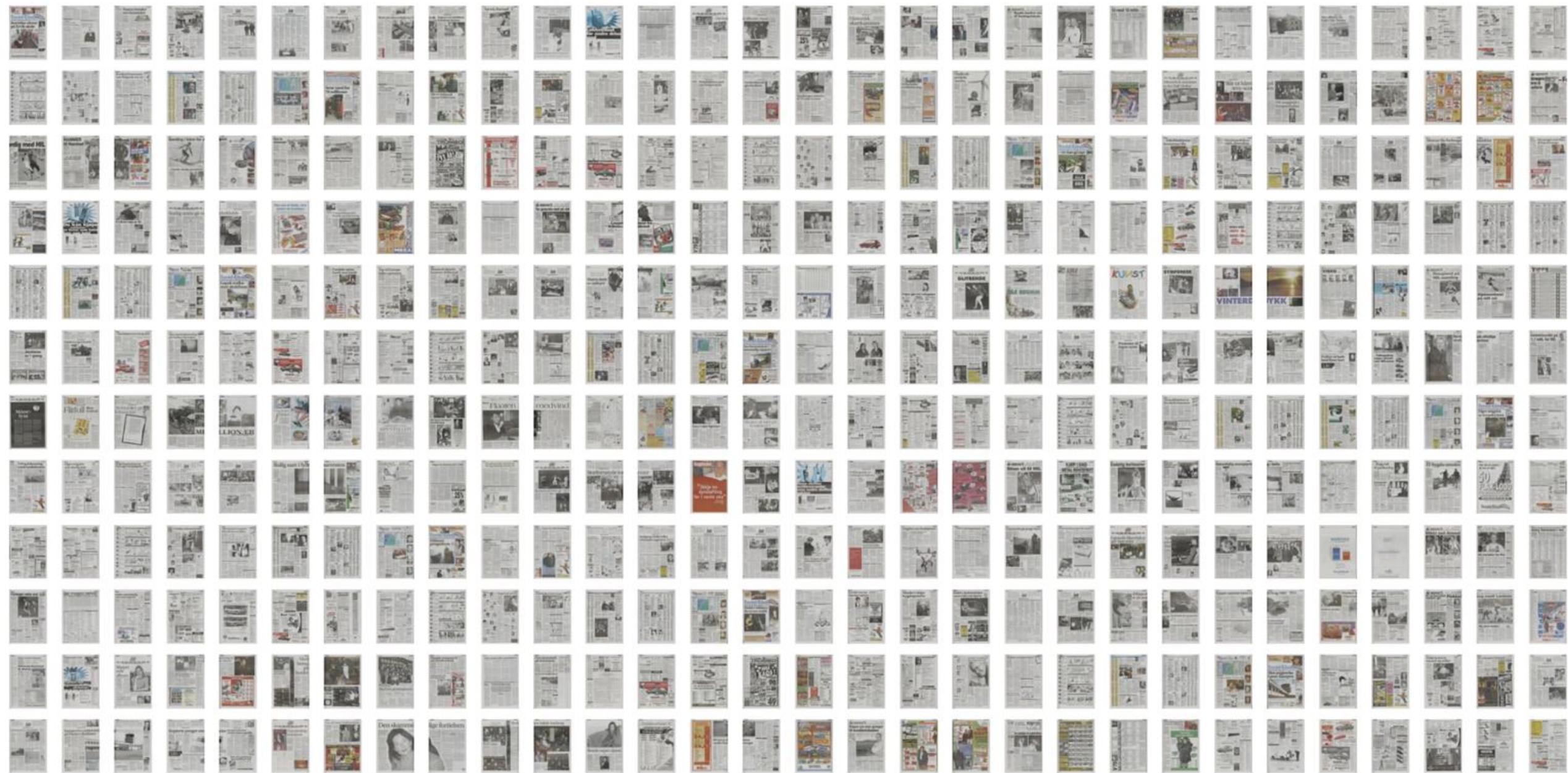


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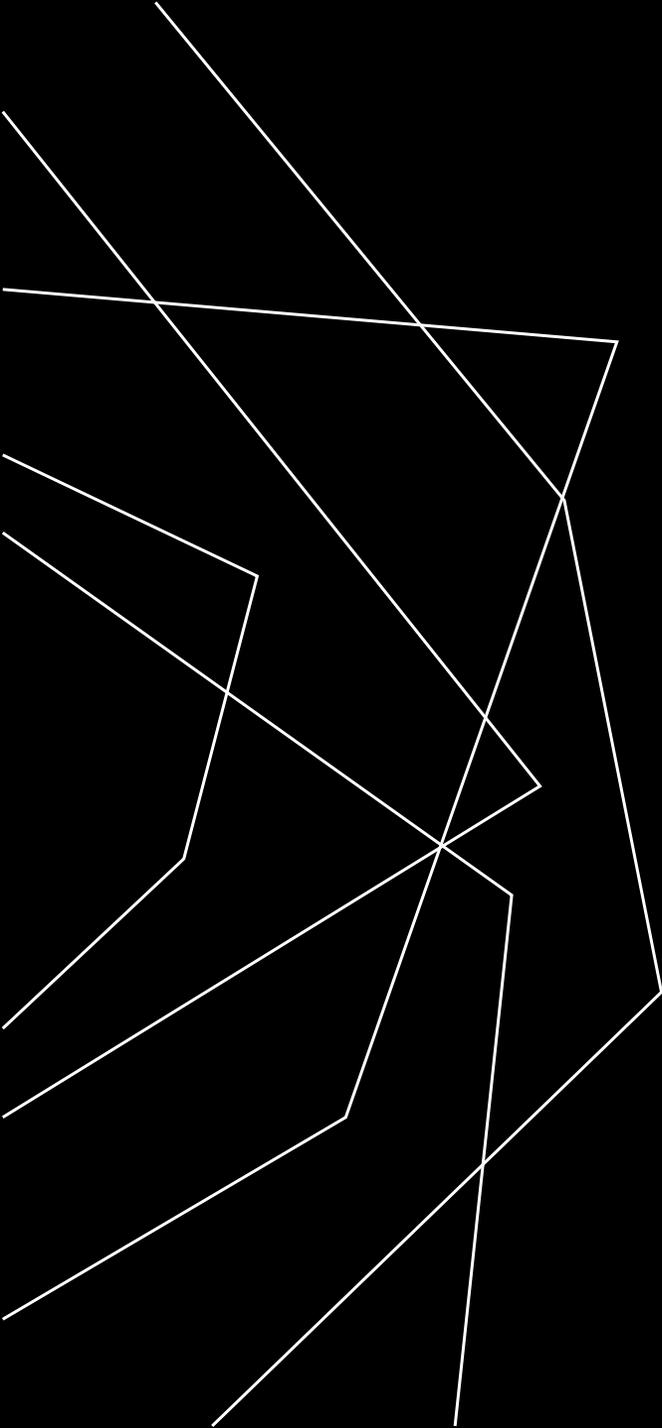


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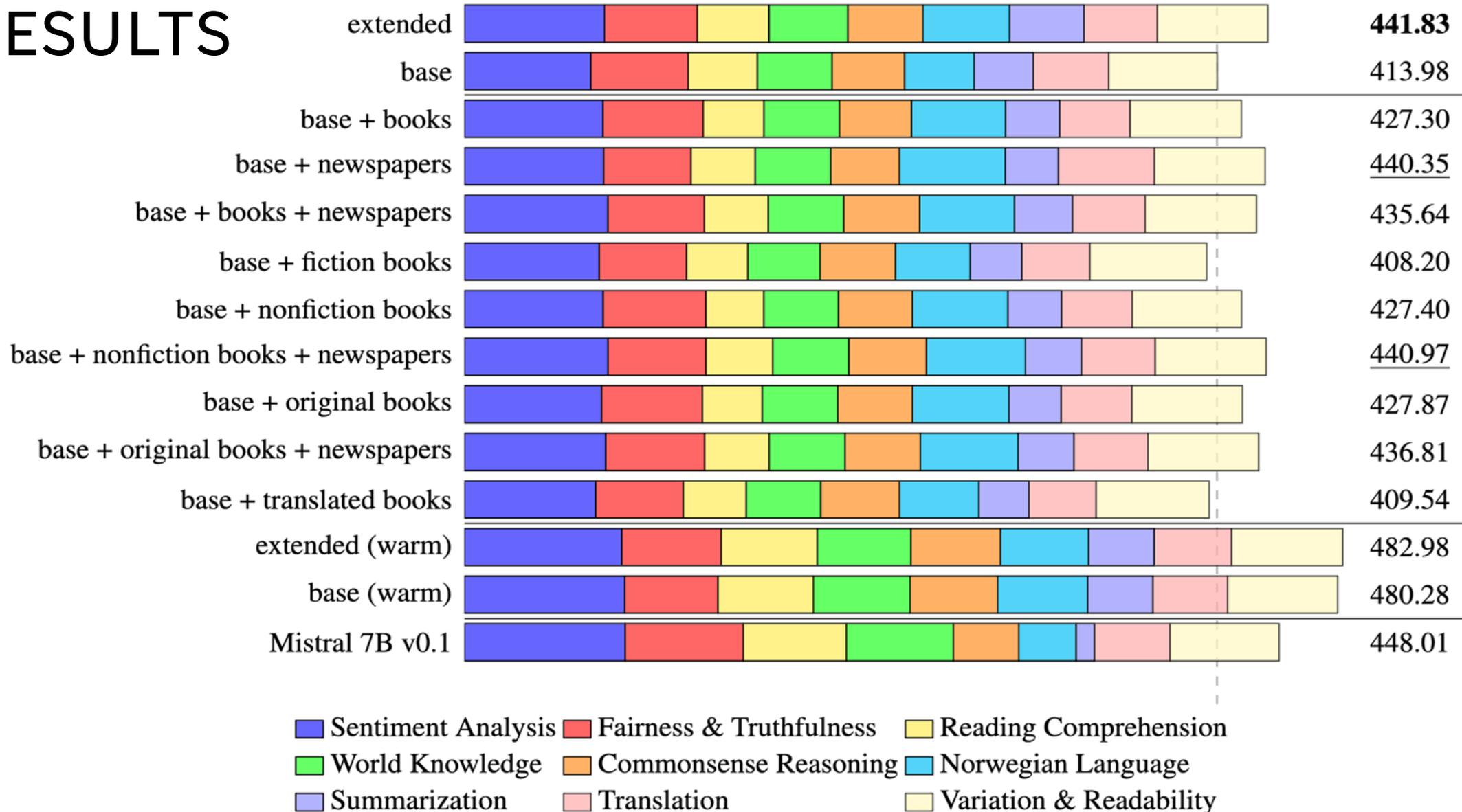
# NATIONAL LIBRARY OF NORWAY

**TESTING if copyrighted material  
improves LLM model performance?**

**NLN AI-lab, Javier de la Rosa et al.**



# RESULTS



# LLM IN THE HEALTH AND CARE SERVICES: NORWEGIAN CASE



- The Mímir project and training on copyrighted material
- Analysis of the impact of copyrighted material on the linguistic quality of language models.
- DATA:
  1. *Freely available data*
  2. *Data with limited access due to rights considerations*
  3. *Data with limited access due to confidentiality and privacy concerns*



## DEFINING NEW USERS:

- Agencies, organizations, economic sector (medicine?)
- Global players (Google / Open AI?)

The Mountain Vault,  
Norway National Library,  
Mo i Rana, Norway



# KBR - ROYAL LIBRARY OF BELGIUM

Library cataloguing and metadata  
production

Hannes Lowagie



## AI opportunities in cataloguing and metadata processes

Hannes Lowagie  
KBR  
Royal Library of Belgium

Human cataloguer validates and makes bibliographic descriptions  
AI-assistance on three ways

**AI 1**  
Metadata recognition for fast registration

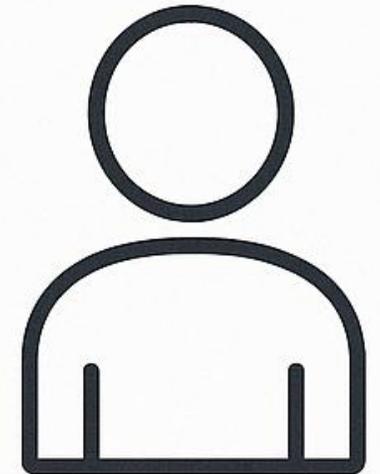
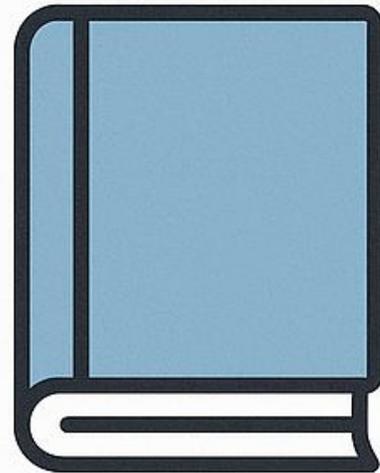
**AI 2**  
Improving metadata following RDA cataloguing rules

**AI 3**  
Automatic classification for better discoverability

Document processing model or integrated GPT

Integrated GPT Prompt

Integrated GPT Prompt

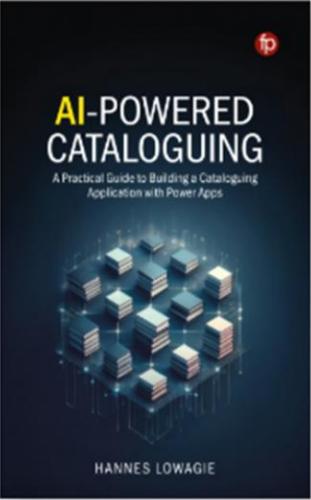


<https://www.facetpublishing.co.uk/page/detail/ai-powered-cataloguing/?k=9781783308071>

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## AI-Powered Cataloguing: A Practical Guide to Building a Cataloguing Application with Power Apps

Hannes Lowagie

**Format:** Paperback  
**ISBN:** 9781783308071  
**Published:** 10th Jul 2025

**Categories:**

---

Cataloguing, Classification & Organising Information  
Digitisation and Preservation



# STANFORD UNIVERSITY LIBRARIES

**Improving Accessibility for Digital Image  
Collections**

**Lindsay King and Peter Leonard**

**Stanford** | University Libraries

rococo

brutalism

classical

gothic

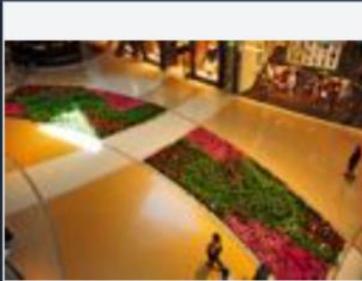
foliate



Manship, Paul. Rockefeller Cen...



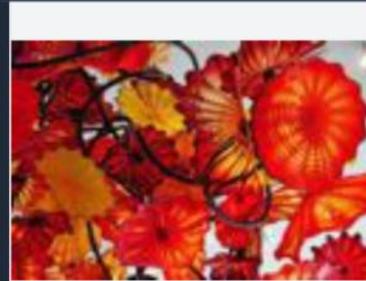
Herreshoff, Louise C.. Poppies



Libeskind, Daniel. Crystals



Hills, Laura Coombs. Larkspur, ...



Chihuly, Dale. Exhibition: Chih...



Masuyama Sessai. Birds and FL...



Hokusai, Katsushika. Herbaceo...



De Forest, Roy. Untitled, detail



Carles, Arthur Beecher. Arrang...



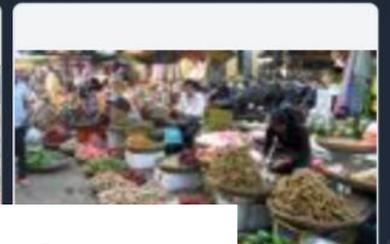
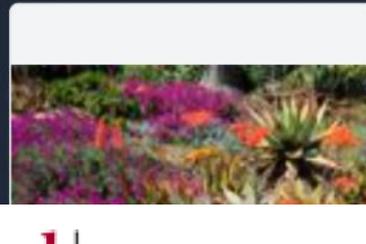
Hassam, Childe. Dexter's Garden

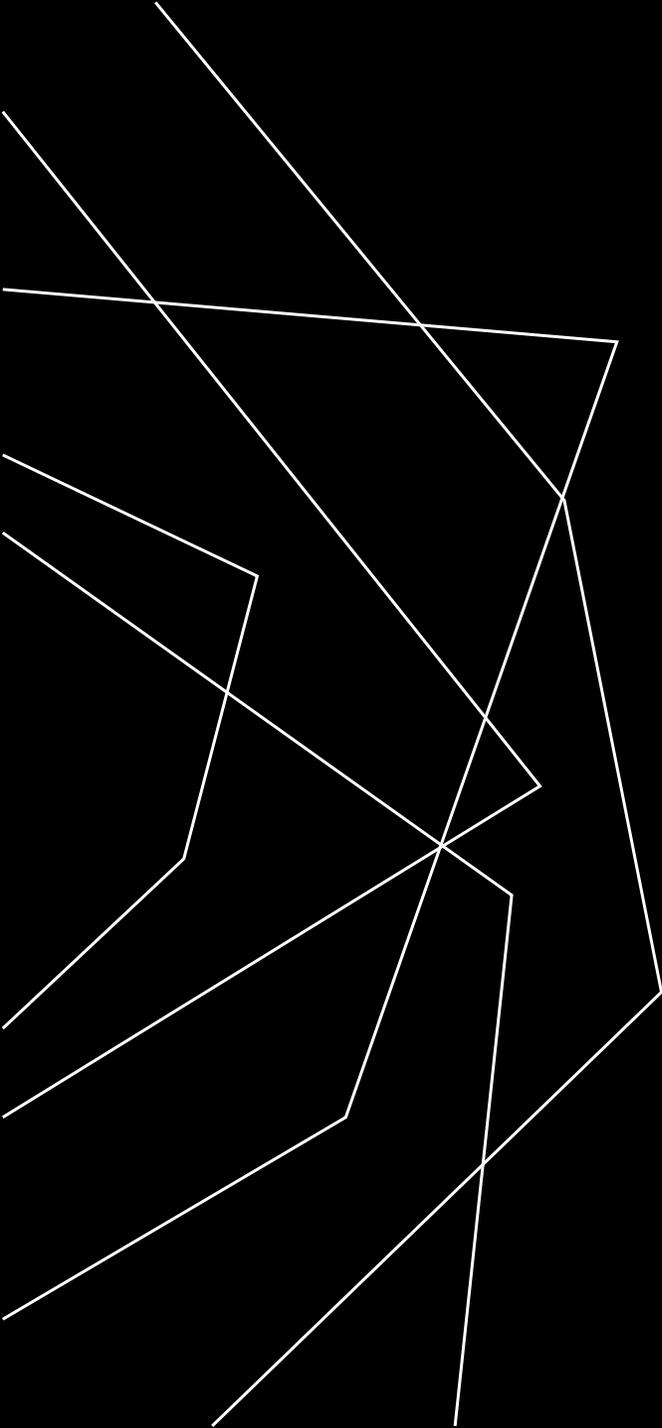


Alexander, Henry. The Peacock



Unknown. Campo de' Fiori: dai...





# STANFORD UNIVERSITY LIBRARIES

**Alt text generation for digital accessibility**

**Lindsay King and Peter Broadwell**

**Stanford** | University Libraries

# How good are available vision-language models at alt text?



Met Museum digital catalog metadata:  
*Seals and a Carved Lacquer Container for Seal Ink,*  
Kitao Shigemasa, 1817

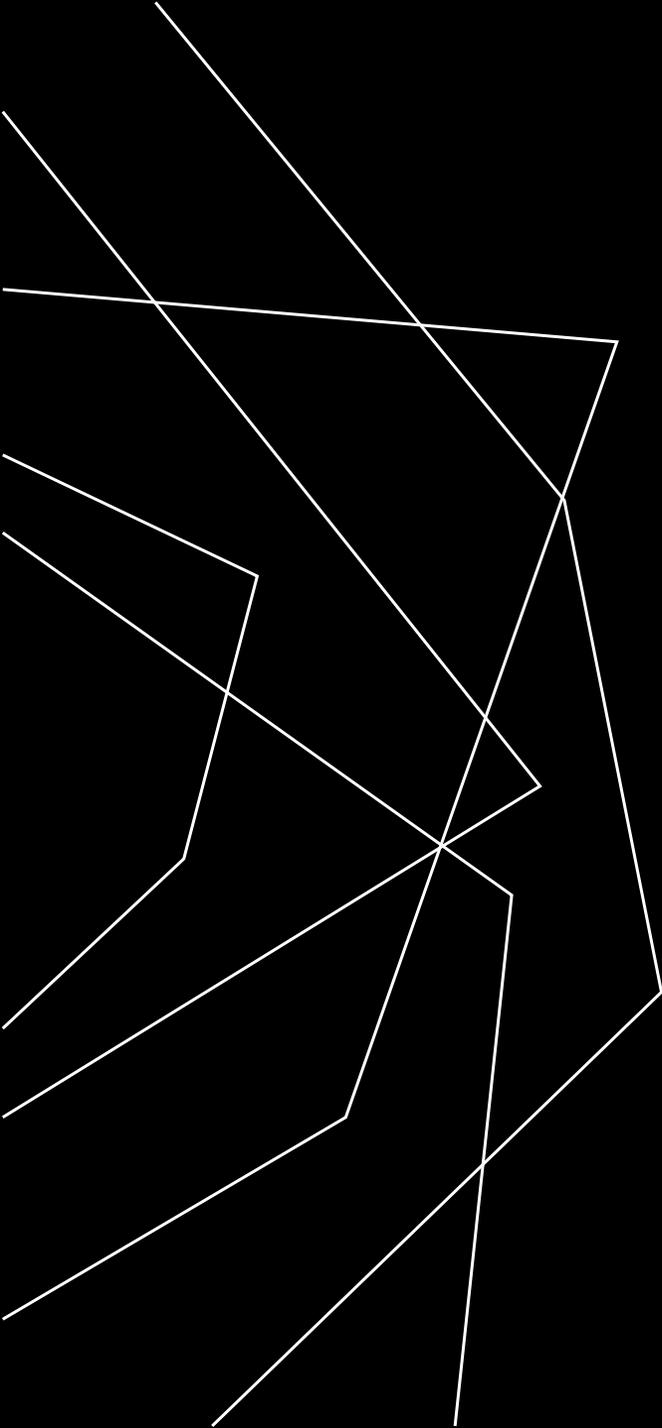
**Prompt:** *Please write a caption for this image that can be used as alt text on a website and is at most 125 characters long.*

**OpenAI GPT-4o:**

Japanese woodblock print showing a decorative incense box, an animal-shaped incense burner, and a sheet with red seals.

**Anthropic Claude 3-5-sonnet:**

Japanese woodblock print: Red inkstone box with lid, gray mouse, and seal stamps on paper. Calligraphy in upper left corner.



# BIBLIOTHÈQUE NATIONALE DE FRANCE

**AI-driven automatic indexing of large-scale  
iconographic content in Gallica Images**

**Jean-Philippe Moreux**

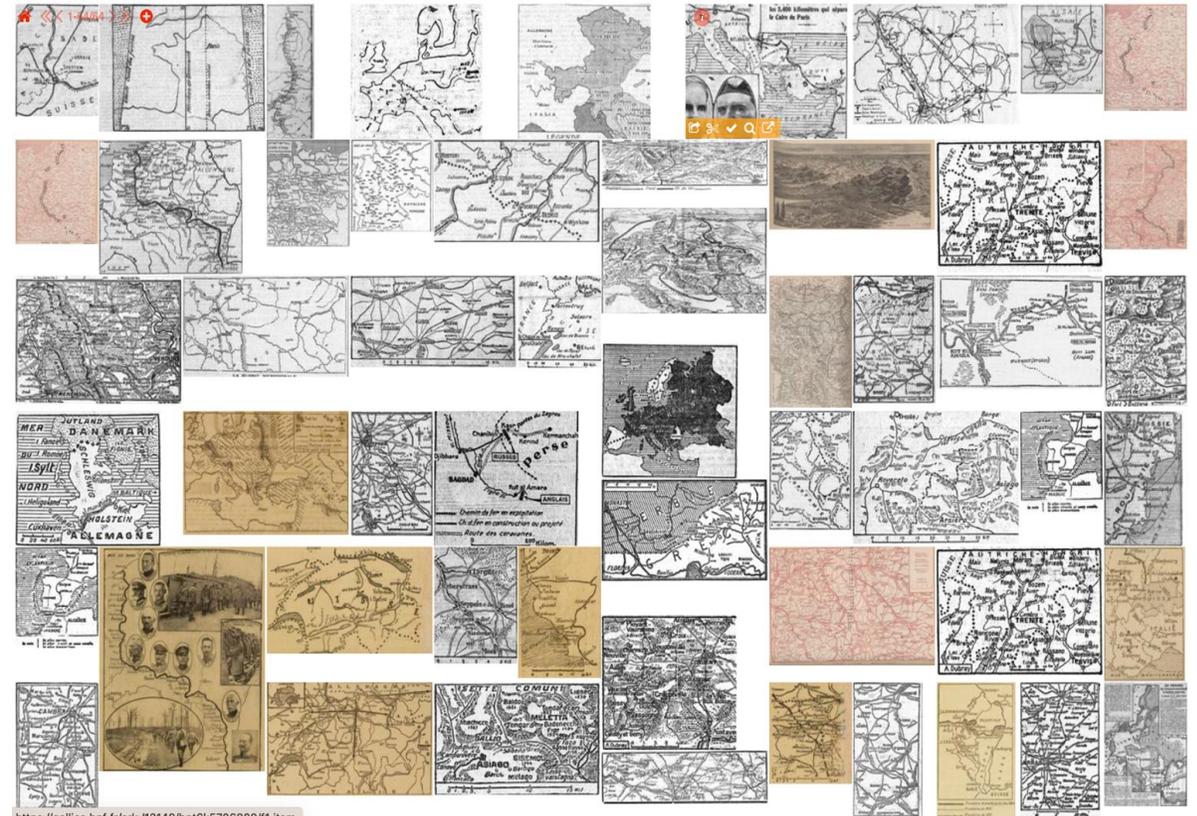
**{ BnF**

# GALLICA IMAGES

- **DATA: 50-100M of illustrations**
- Information retrieval
- Classification of heritage images
- Visual similarity
- Segmentation and rotation
- Detection of techniques, functions and genres
- Open content: free search and access APIs
- Dissemination: IIF version 3 Gallica APIs



{ BnF



gallicapix.bnf.fr: maps in periodicals (1910-1920)



# NATIONAL GALLERY OF ART

**AI-Powered Data Extraction from Archival Items**

**Abby Foster, Keith Krut**

**National** Gallery of Art

# AI-Powered Data Extraction from Archival Items

## Azure Cognitive Services Custom Data Extraction Model

Training:

The screenshot displays the Document Intelligence Studio interface for training a custom extraction model. The breadcrumb path is "Document Intelligence Studio > Custom extraction model > IAD Data Sheets > Label data". The main area shows a document with a form containing fields like "CLASSIFICATION NO.", "DATE", "PERIOD OF DATE", "DESIGNED BY", "MADE BY", "MADE WHERE", "DESCRIPTION", "LOCATION OF OBJECT OR BUILDING", "ADDRESS", "CATALOG NO.", and "ASIGNED TO". A callout box points to the "classificationNumber" field in the field configuration panel on the right, which lists fields such as "classificationNumber", "documentDate", "objectName", "objectDate", "objectStyle", "objectOriginalOwner", "objectDesignedBy", "objectMadeBy", and "objectMadeWhere".

classificationNumber connects archival item to art object



# What Does this Data Work Make Possible?

## Art Object Page in Speculative IAD Cross-Collection Prototype

Related archival items:

**Overview** >

Inscription >

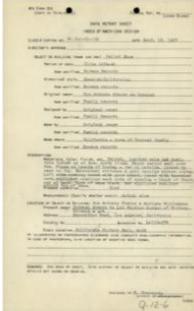
Provenance >

Exhibition History >

Bibliography >

### Overview

This is a drawing of a historical shoe from circa 1834-40. The drawing was made by Gerald Transpota in California as part of a nationwide project called the [Index of American Design](#), which was established by the U. S. federal government during the Great Depression. More information about the object can be found in the archival image(s) below, created during the project.



Data Sheet



Preparatory Drawing

Extracted data from archival data sheets:

### What was reported about this object

Made by: Don Antonio Franco de Co  
Made where: California  
Original owner: Don Antonio Franco de Co

In some cases, this content has been extracted from the historical data sheets using a combination of OCR and AI technologies, which may have inadvertently introduced typos or errors—particularly if the original text was handwritten. We will continue working to fix any issues as they are identified.

**Description and remarks from the historical data sheet** [Statement on limitations of historical content](#)

Velvet. Leather sole and heel; sole turned up at toe; cloth lined. Black velvet well over toe. Black on inside of instep - red on outside, joined by seam on top. Embroidery stiches & gold sequins across instep. Left side opening bound with gold braid; laced with tasseled cord. Appliqued scallops on each side of opening - black at front, red at back. Back of...

[Read more](#)

Natural History



# VISUAL SEARCH NO METADATA & METADATA EXTRACTION

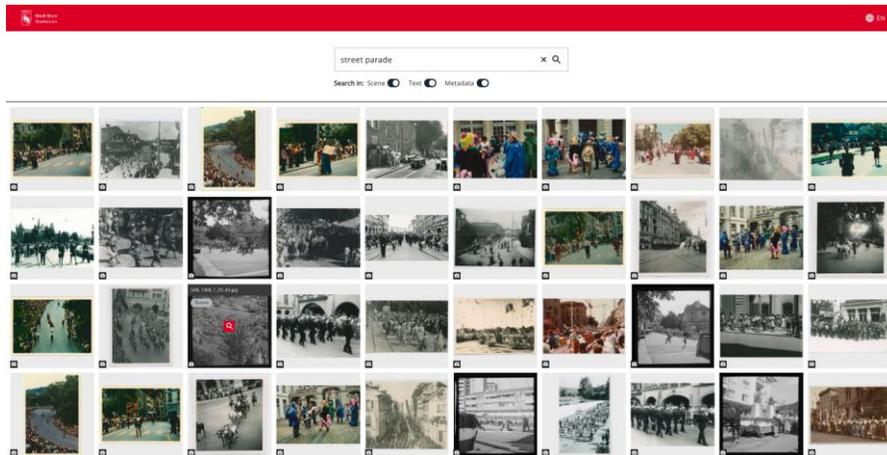
Archipanion

markus@4eyes.ch

*Archipanion*

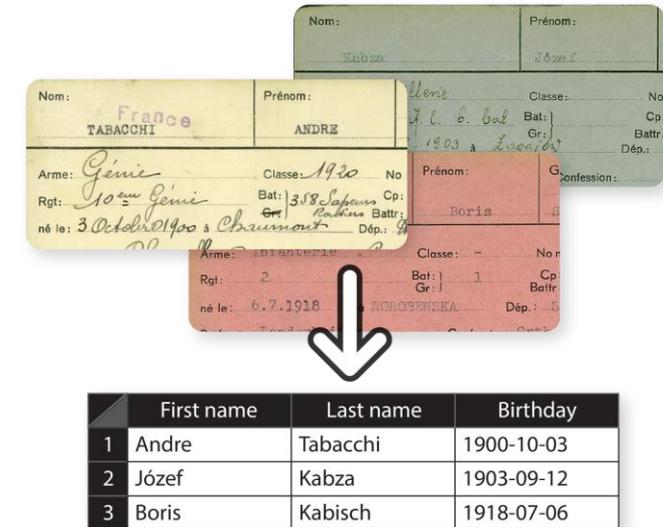
# Archipanion

Archives, libraries and museums partner with Archipanion to bring responsible AI into cultural heritage practice and services. Two key AI solutions are:



## Visual Search

- Use AI to search large image and video collections through visual and audio content.
- Researchers can explore collections based on what images and videos show and what's said in audio transcripts, not only by subject headings or descriptive metadata.



## Metadata Extraction

- AI converts scanned records (printed and handwritten) into machine-readable text and extracts key fields (e.g. names, dates, places, organisations, keywords).
- We create a structured, searchable dataset and a simple interface, so researchers can search across the whole collection while still viewing each result in its original scan.

Team of nine, combining AI specialists, archivists, and programmers, with experience supporting more than 20 cultural heritage organisations.

Committed to knowledge-sharing with AI4LAM.

# PROBABILISTIC INDEXING FOR COMPLEX ARCHIVAL COLLECTIONS

[Transkriptorium.com](http://Transkriptorium.com)

Valencia, Spain



# TEXTUAL UNDERSTANDING SUPPORT THROUGH AUTOMATED TRANSCRIPTION

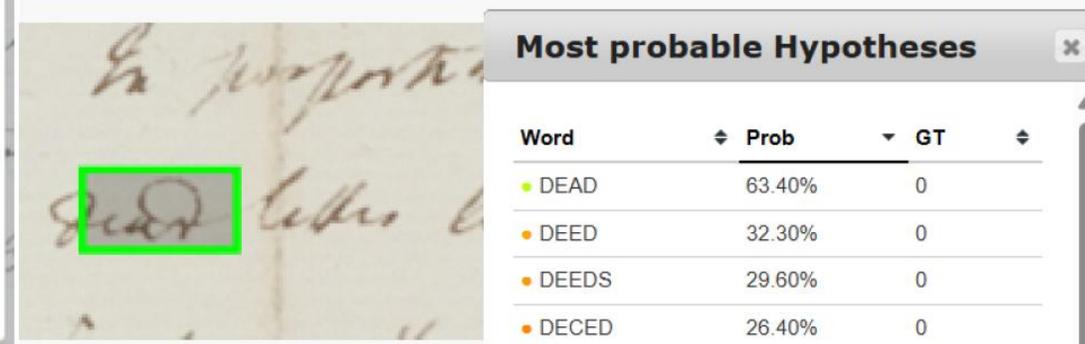
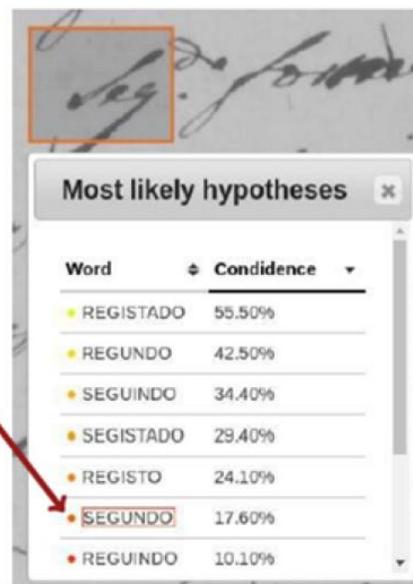
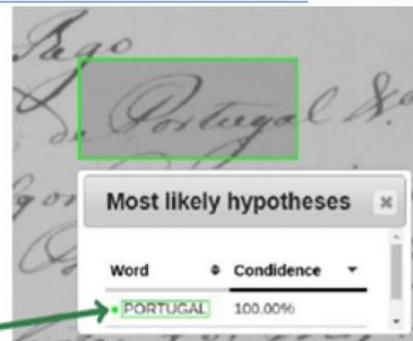
• 75-95% SUCCESS RATE

## PRIX - SMARTER ACCESS TO ARCHIVES

- 90% ACCURACY, BEYOND OCR & HTR
- AUTOMATES UP TO 80% OF COLLECTIONS
- TRANSCRIPTION AID & METADATA EXTRACTION
- RECOGNIZES NAMES, DATES, SEALS, MUSIC
- FITS ANY MANAGEMENT SOFTWARE
- FLEXIBLE, TAILORED, ARCHIVIST-FRIENDLY

👉 WE EMPOWER ARCHIVISTS, NOT REPLACE THEM

PROBABILISTIC INDEXING WITH JUST TWO CLICKS!





**RUDOLFOVO - SCIENCE AND  
TECHNOLOGY CENTER NOVO  
MESTO, SLOVENIA**

**AI-Driven Analysis and Segmentation of Figural  
Scenes**

**Slavko Arh, Vesna Pungerčar, Lucijano Berus,  
Jakob Fabjan, Primož Zobec**



# AI-DRIVEN ANALYSIS: DETECTION OF GRAFFITI IN FRESCOES

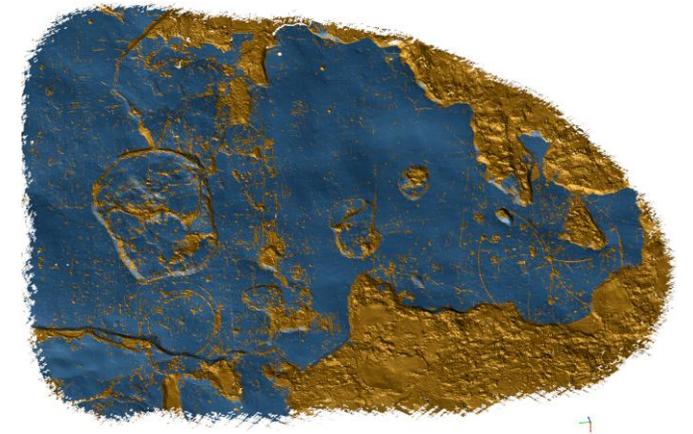
The frescoes were first 3D scanned, since the graffiti had been incised into them; afterwards, the incised marks were segmented from the fresco surface using an AI tool.



3D scanning of frescoes



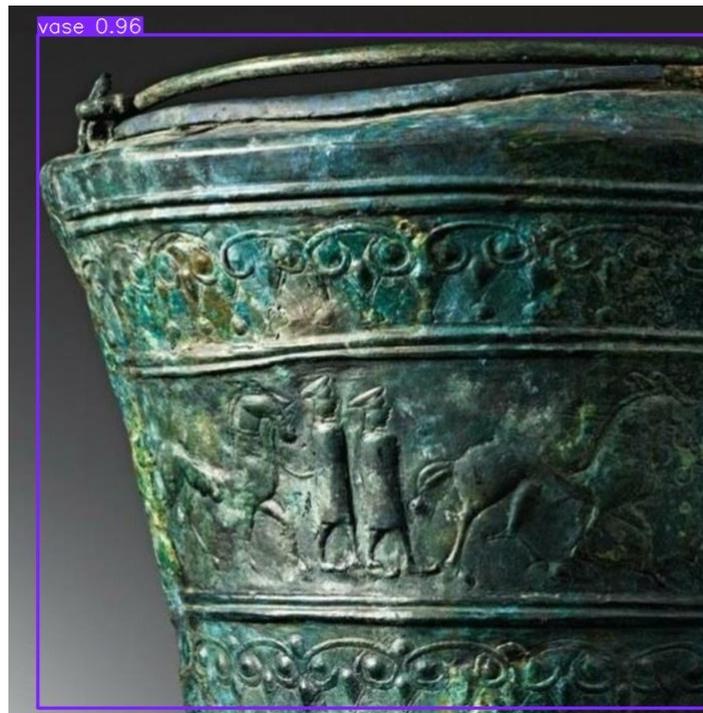
Labeling / annotation of frescoes



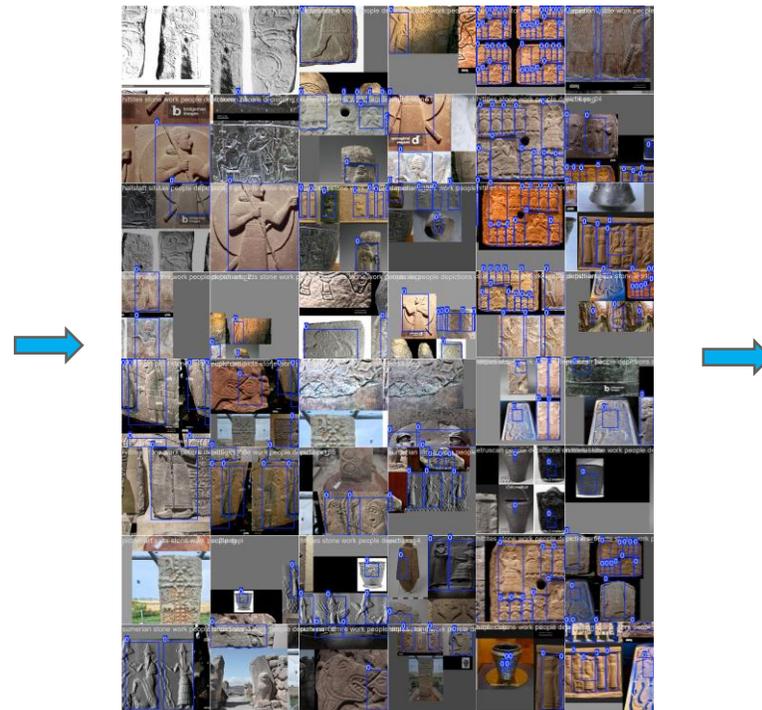
AI-detection of graffiti

# AI-DRIVEN ANALYSIS: SEGMENTATION OF FIGURAL SCENES ON SITULAE

A digital workflow (SITULAI) was created to 3D-scan Early Iron Age situlae, unwrap their surfaces, enhance imagery, and use AI (K-means clustering and YOLOv8) to automatically analyze and recognize the engraved motifs (human figure).



Object detection (Bronze situla)



Pretraining on a large dataset



Human-figure detection



# SPEECH-TO-TEXT EXTRACTION

## Co-chairs:

- Tom Cramer (Stanford University Libraries)
- Javier de la Rosa (National Library of Norway)
- Owen King (GBH Archives / American Archive of Public Broadcasting)
- Svein Arne Brygfjeld (National Library of Norway)

Contact: [owen\\_king@wgbh.org](mailto:owen_king@wgbh.org)

**AI4LAM WORKING GROUP**

WEBVTT

01:13.460 --> 01:18.980

Good evening from the Fleet Center in Boston. I'm Jim Lara and I welcome you to our special

01:18.980 --> 01:24.340

PBS NewsHour coverage of the second night of the Democratic National Convention. Once

01:24.340 --> 01:29.540

again we will offer the major events from the podium and floor, combined with analysis

01:29.540 --> 01:34.520

and commentary from Mark Shields and David Brooks, plus historians Michael Beschloss,

01:34.740 --> 01:40.040

Richard Norton-Smith and Ellen Fitzpatrick, among others. Gwen Ifill on the floor has

01:40.040 --> 01:42.720

the official Democratic lineup for the evening. Gwen?

01:43.460 --> 01:47.120

First, of course, Ted Kennedy, the liberal line of the party. We expect to hear from

01:47.120 --> 01:52.040

him shortly, followed by some vanquished foes of John Kerry's, Dick Gephardt and Howard

01:52.040 --> 01:56.840

Dean, a couple of rising stars of the party, Christy Vilsack of Iowa, Janet Napolitano,

01:56.840 --> 02:01.280

the governor of Arizona, and we're going to hear from Barack Obama, the keynote speaker

**GBH Archives / American Archive of Public Broadcasting)**

Transcript courtesy the American Archive of Public Broadcasting  
<https://americanarchive.org/catalog/cpb-aacip-507-j96057dm3w>

## Our questions about this transcript:

*Who are the different speakers whose speech is transcribed here?*

*Are the names spelled correctly? (e.g., "Jim Lara" or "Jim Lehrer"?)*

*To which audio file do the time codes correspond?*

*Which particular ASR model produced this transcript?*

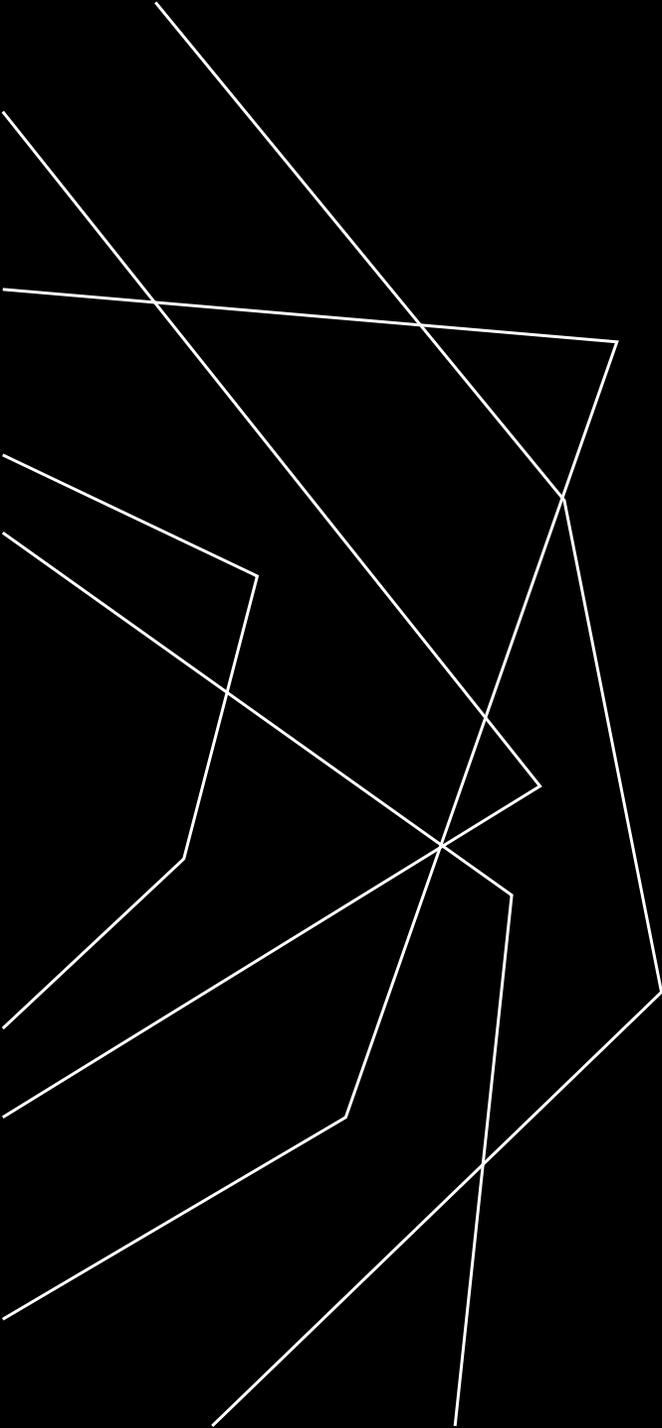
*What software setting were used?*

## Our more general questions:

*What are the known error patterns of this ASR model?*

*How much more accurate are the newer ASR models?*

*What is the most efficient way for humans to correct ASR transcripts?*



# NATIONAL LIBRARY OF LUXEMBOURG

**Chatbot in eLuxemburgensia**

**Yves Maurer et al.**



+ New chat

### Chat History

Fasse die Debatten run...

29/09/2023 11:45

Who was the first Prim...

27/09/2023 10:47

What are the most play...

27/09/2023 10:45



Fasse die Debatten runum das Maulkorbgesetz zusammen



Das Maulkorbgesetz war ein umstrittenes Thema in Luxemburg im Jahr 1937. Es wurde eine Gesetzesvorlage eingebracht, die darauf abzielte, den Kommunismus zu bekämpfen und die politische und soziale Ordnung zu schützen. Die Diskussionen darüber fanden sowohl in der Chambre des Députés als auch in der Öffentlichkeit statt. Die Befürworter des Gesetzes argumentierten, dass es notwendig sei, um die verfassungsmäßige Ordnung zu wahren und die Aktivitäten kommunistischer Gruppen zu unterbinden. Die Gegner hingegen waren der Ansicht, dass das Gesetz gegen die Meinungsfreiheit und die demokratischen Prinzipien verstoße. Sie betonten, dass der Kommunismus keine ernsthafte Bedrohung darstelle und dass das Gesetz unnötig sei. Trotz dieser kontroversen Debatten wurde das Gesetz schließlich von der Mehrheit der Chambre des Députés angenommen. Allerdings fand kurz darauf ein Referendum statt, bei dem das Volk das Gesetz ablehnte. Dieses Referendum war das zweite und bisher letzte Referendum in der Geschichte Luxemburgs. Es zeigt, dass die Bevölkerung das Maulkorbgesetz nicht unterstützte und die Meinungsfreiheit verteidigte. Dieses Ereignis hatte einen großen Einfluss auf die politische Entwicklung des Landes und markierte das Ende der Diskussionen um das Maulkorbgesetz.



My answer is based on these articles:

**Union (L)**  
#1 • 1868-03-22

**Union (L)**  
#2 • 1868-03-29

**Avenir (L)**  
#3 • 1870-02-22

Send a message in French, German, English or Luxembourgish. (Shortcut: ENTER)







HARVARD

Collection Explorer

Stu Snyderman and team





AI4LAM



HARVARD LIBRARY

# Collections Explorer

**Building a User-Centered, AI-Driven  
Discovery Platform at Harvard Library**



Amy Deschenes, Angela Kilsdonk, & Stu Snydman

December 2025



# Fantastic Futures 2025 at the British Library

 kanal AI4LAM

Seznam predvajanja · 14 videoposnetkov · 669 ogledov

All recorded papers and Q&A sessions from AI4LAM's  
2025 Fantastic Futures Conference, hosted by the ...in več

 Predvajaj vse



AI4LAM

1



## Welcome Remarks (Day 1) - Jeremy Silver - Fantastic Futures 2025

AI4LAM · 110 ogledov · pred 1 mesecem

4:55



2



## Keynote Address (Day 1) - Rachel Coldicutt, Careful Industries - ...

AI4LAM · 126 ogledov · pred 1 mesecem

53:49



3



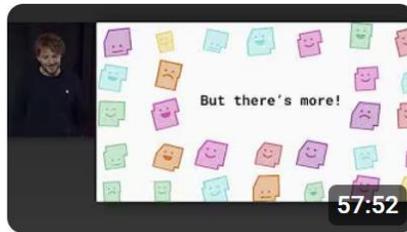
## Long Papers 01 (Day 1) - Fantastic Futures 2025

AI4LAM · 140 ogledov · pred 1 mesecem

59:27



4



## Long Papers 02 (Day 1) - Fantastic Futures 2025

AI4LAM · 63 ogledov · pred 5 dnevi

57:52



5



## Short Papers 01 (Day 1) - Fantastic Futures 2025

AI4LAM · 154 ogledov · pred 1 mesecem

31:28



## Short Papers 02 (Day 1) - Fantastic Futures 2025

Ines Vodopivec  
secretary-general@ai4lam.org

Thank you!