



- **1.Introduction**
- 2.About the research
- **3.Some research findings**
- 4. How can we develop cross Archival-Al literacy?

use Al Well, Iuse Al to read all my papers to WRITE all my papers. Our simulations using Al to assess the escalation of Al use Heh. I use Al to review all your papers. in science are going great! WAIT... WHAT?

1. Introduction

RECORDS MANAGEMENT & ARCHIVES

Skills in projects using AI in Records and Archives

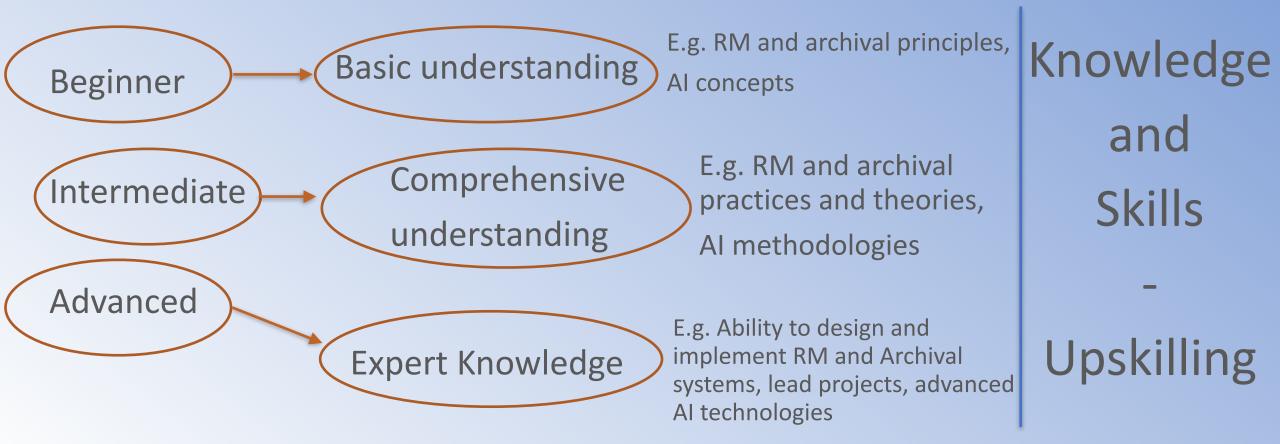
ARTIFICIAL INTELLIGENCE

2. About the research

- InterPARES Trust AI / Education Cluster
- Literature review
- Documentary research
- Survey
- Content analysis and categorization

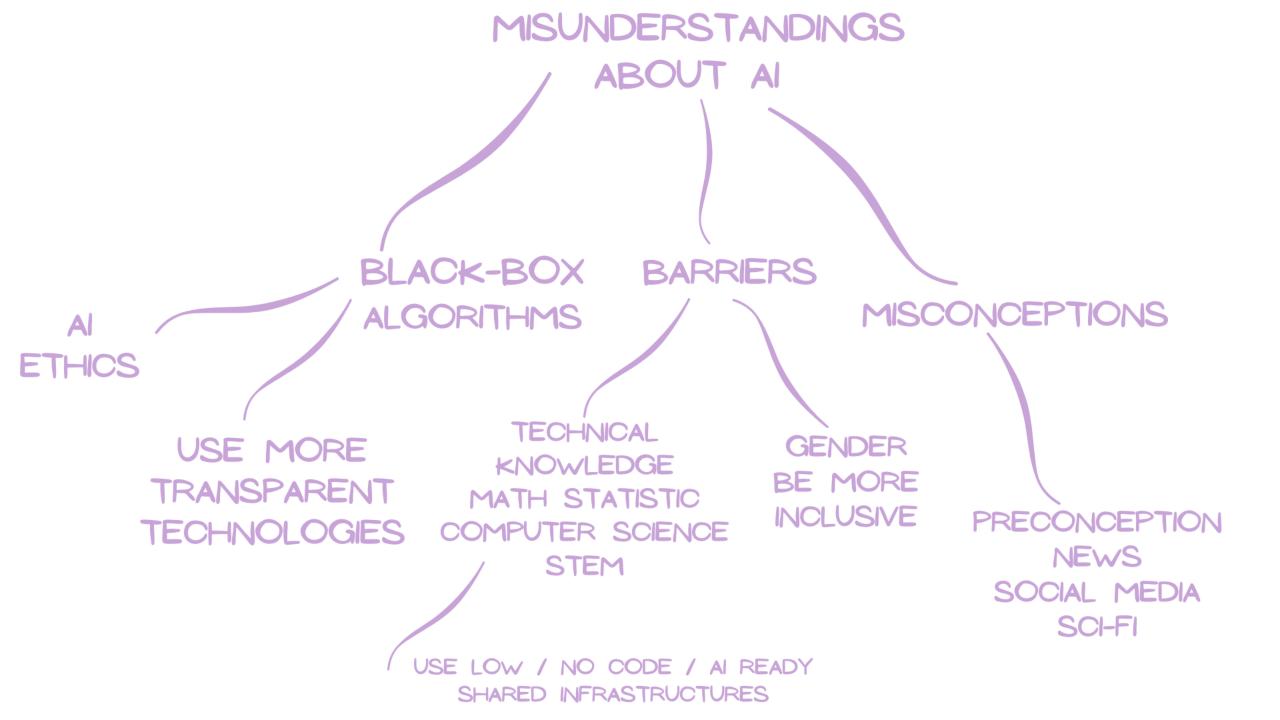
3. Some research findings

Levels of Literacy



Literature review

- The application of AI in various areas is something that is growing fast, and in records management and archives, it is no different
- However, there are still many misunderstandings about the uses of AI and AI itself.
- These misunderstandings tend to decrease with use and increased AI literacy. Also, with critical thinking about AI in various fields of activity.
- The importance to approach the Data Lifecycle: Acquisition, Cleansing, Modeling, Implementation, Optimization, Analysis, Visualization, Evaluation, Sharing, Erasing, Archiving



Survey



Lack of knowledge or competences



Digitization

Not enough digital documents



5

Lack of Economic and Human Resources

REASONS NOT TO ADOPT AI SOLUTIONS IN ARCHIVES



Lack of reliable technologies



Not integrated into management systems

How can we develop cross Archival-AI literacy?

1. Concepts and theories (general)

BBC

Home News Sport Business Innovation Culture Travel Earth Video Live

Authentic: Merriam-Webster's word of the year

27 November 2023

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CONCEPTS AND THEORIES General foundational ideas and theories in AI, RM and Archives

2. Records and Archives



2.1 Data literacy

DATA LITERACY

Understanding and working with data, recognizing patterns, and interpreting results

2.2 Datafication and Digital Transformation

DATAFICATION **AND DIGITAL** TRANSFORMATION The process of turning many aspects of society into data-driven ones

2.3 Al-Integrated Records Management Literacy

AI-INTEGRATED RECORDS MANAGEMENT LITERACY

RM principles in an AI-driven environment

2.4 AI-Enhanced Archival Science Literacy

AI-ENHANCED ARCHIVAL SCIENCE LITERACY Integration of AI within the domain of Archival Functions

2.5 Provenance and Paradata

PROVENANCE AND PARADATA

Tracking the origin and context of data used in AI

3. Computing

MACHINE LEARNING

Supervised, semisupervised, unsupervised

COMPUTER VISION

AI applications that involve visual processing and interpretation

GENERATIVE AI

AI applications in natural language processing and content generation

ALGORITHMS

Implementation of algorithms and contextual analysis

3.1 Machine Learning

MACHINE LEARNING

Supervised, semisupervised, unsupervised

3.2 Computer Vision

COMPUTER VISION

AI applications that involve visual processing and interpretation

3.3 Generative Al

GENERATIVE AI AI applications in natural language processing and content generation

3.4 Algorithms

ALGORITHMS

Implementation of algorithms and contextual analysis

4. Ethics



4.1 Bias and diversity

BIAS AND DIVERSITY

Addressing biases in AI. Promote diversity

4.2 Accountability and Ethics

ACCOUNTABILITY AND ETHICS

Ensuring AI systems are accountable and align with ethical standards

4.3 Data protection and sensitivity



Ensuring the security and appropriate handling of sensitive data

4.4 Transparency and explainability

TRANSPARENCY AND EXPLAINABILITY

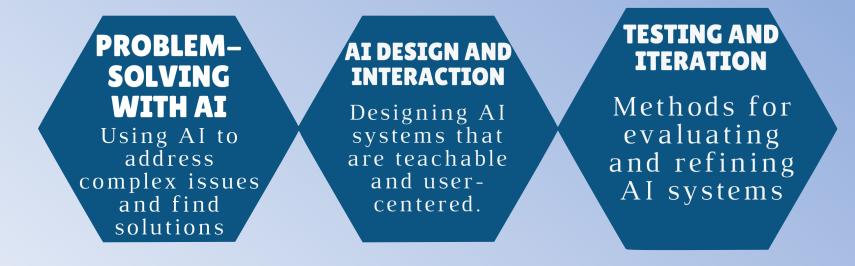
Making AI operations understandable to the public.

4.5 Legal concerns

LEGAL CONCERNS

Regulations and legalities surrounding AI, such as the AI Act

5. User-centric



5.1 Problem-solving with Al

PROBLEM-SOLVING WITH AI

Using AI to address complex issues and find solutions

5.2 AI Design and Interaction

AI DESIGN AND INTERACTION

Designing AI systems that are teachable and usercentered.

5.3 Testing and Iteration

TESTING AND ITERATION

Methods for evaluating and refining AI systems

6. Organization

AI ADOPTION AND GOVERNANCE

Strategies for adopting AI and overseeing its use COLLABORATION AND COMMUNICATION

Enhancing collaboration across disciplines and effective communication about AI

6.1 Al adoption and Governance

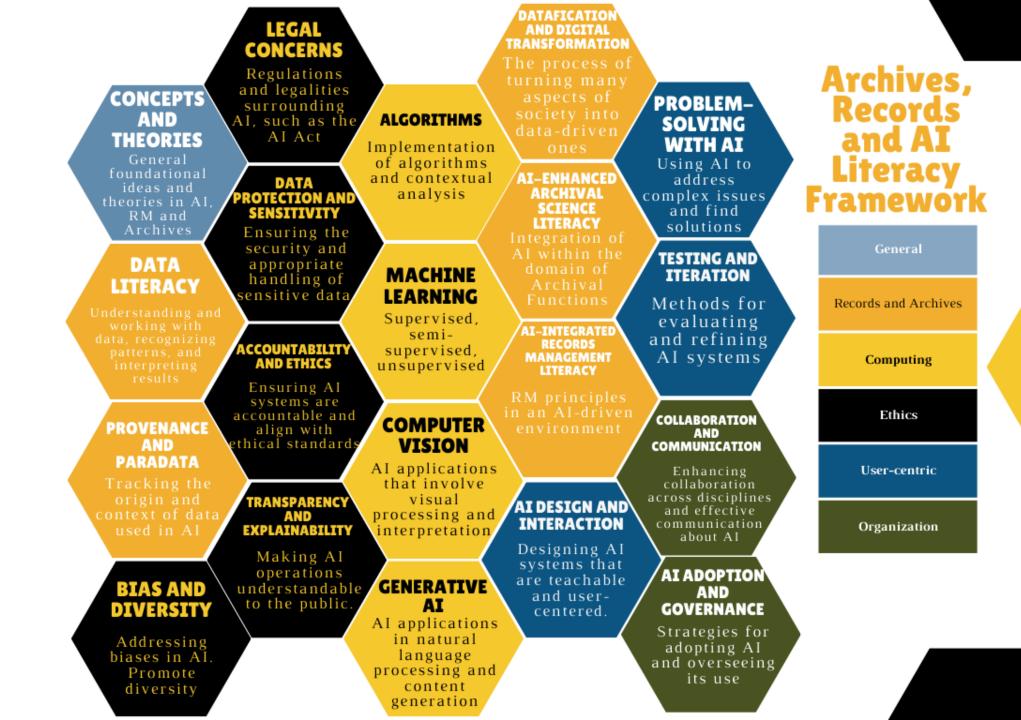
AI ADOPTION AND GOVERNANCE

Strategies for adopting AI and overseeing its use

6.2 Collaboration and Communication

COLLABORATION AND COMMUNICATION

Enhancing collaboration across disciplines and effective communication about AI



E.g.

Evaluation - trained models

Provenance and Paradata

Generative Al

Bias and diversity

Al adoption and Governance



Generate an image of a 1943 German Solidier



Sure, here is an image of a 1943 German soldier:



Thanks

Acknowledgments: Ivan Despot, Mashilo Modiba, Mia Steinberg, Olefhile Mosweu, Richard Arias-Hernandez, Samuel Tweneboah-Koduah, Thays Lacerda (Research Team), Luciana Duranti, Muhammad Abdul-Mageed, Corinne Rogers (InterPares Coordination/Management), special thanks Adam Jansen (State Archives of Hawaii).

Thank you!

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