

Developing a Library Strategic Response to Artificial Intelligence

A SLAAIT Briefing



Participating Agencies



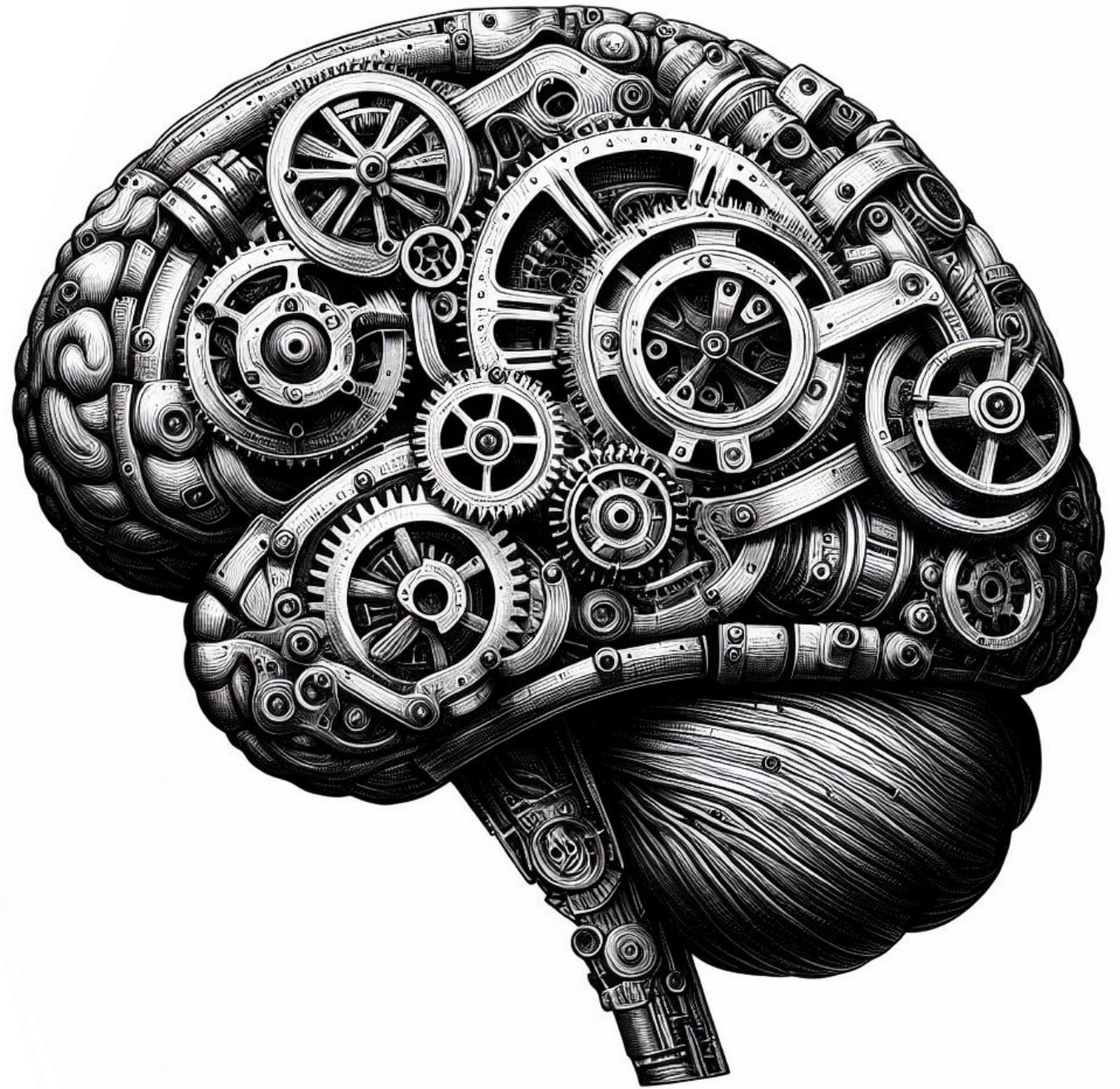
SLAAIT

- **Texas** State Libraries and Archive Commission
- **Georgia** Public Library Service
- State Library of **Iowa**
- **New Jersey** State Library
- **Colorado** State Library
- **Washington** State Library
- **Hawaii** State Public Library System
- **Delaware** Division of Libraries
- **New York** State Library
- State Library of **North Carolina**
- **Arizona** State Library
- **Tennessee** State Library and Archives
- Library of **Michigan**
- State Library of **Ohio**

SLAAIT Overview

- What is Artificial Intelligence?
- State Interviews
 - Training & Competencies,
- AI Competencies (what librarians and staff need to know to know)
- DREAM
- DREAD
- DECONSTRUCT
- Synthesis of perils and possibilities from member conversation

What is AI?

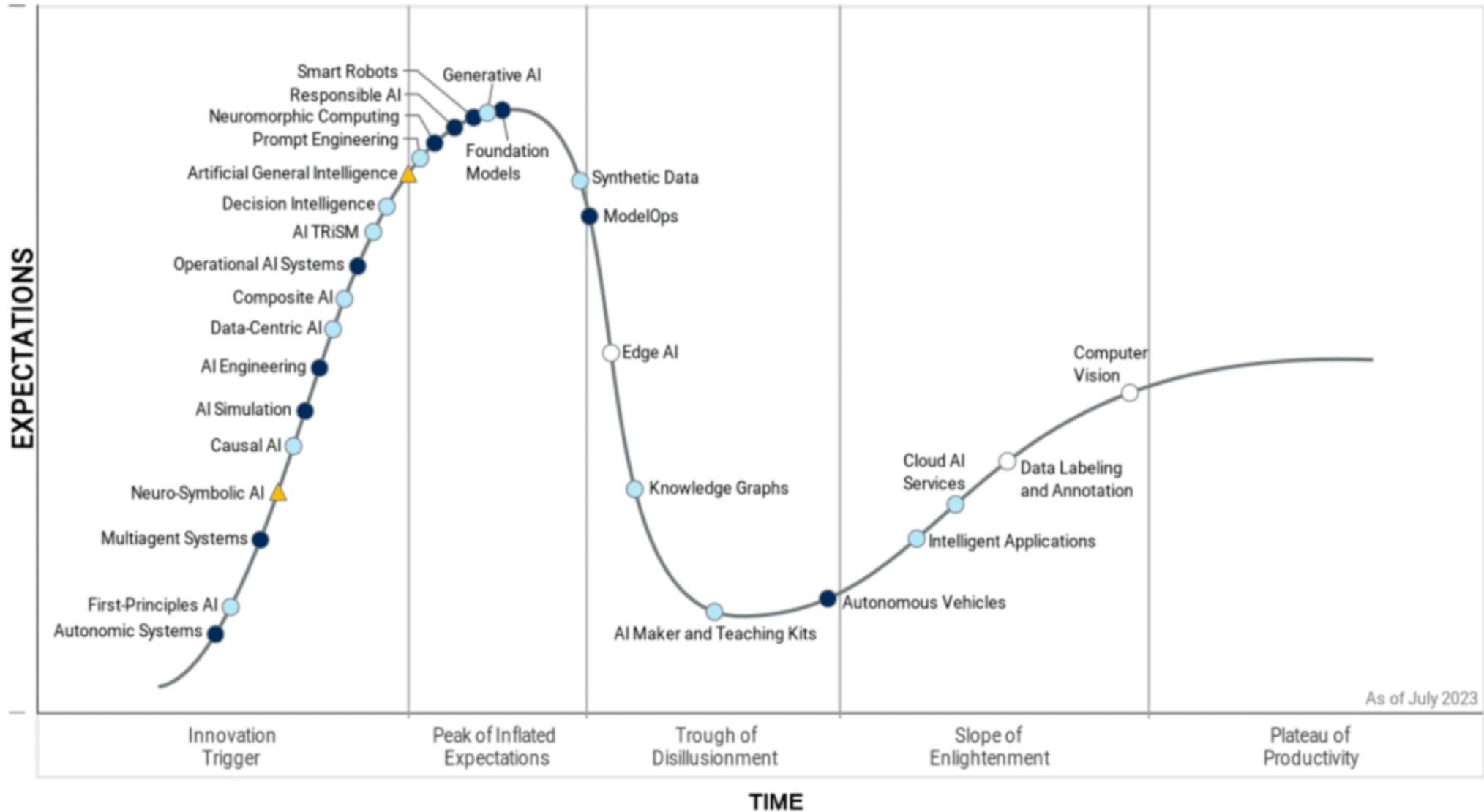




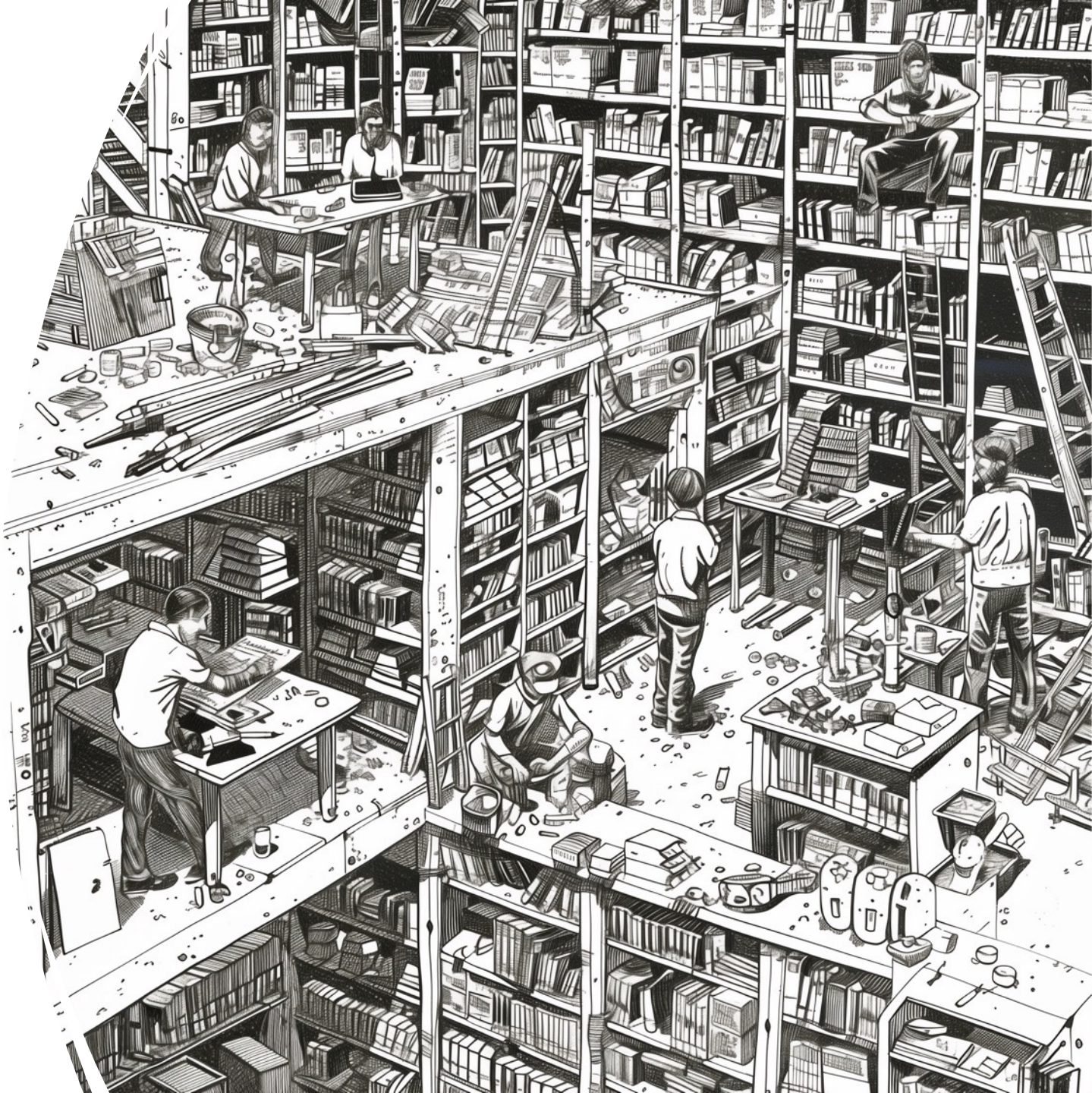
The Hydra: The Many Heads of AI

- One body (machine learning plus big data) but many instantiations
- Highly visible: generative AI and LLM
- The invisible: AI in search, music, fitness, cars

AI, the Hype Cycle, and the Art of Distraction



Concerns of Member States

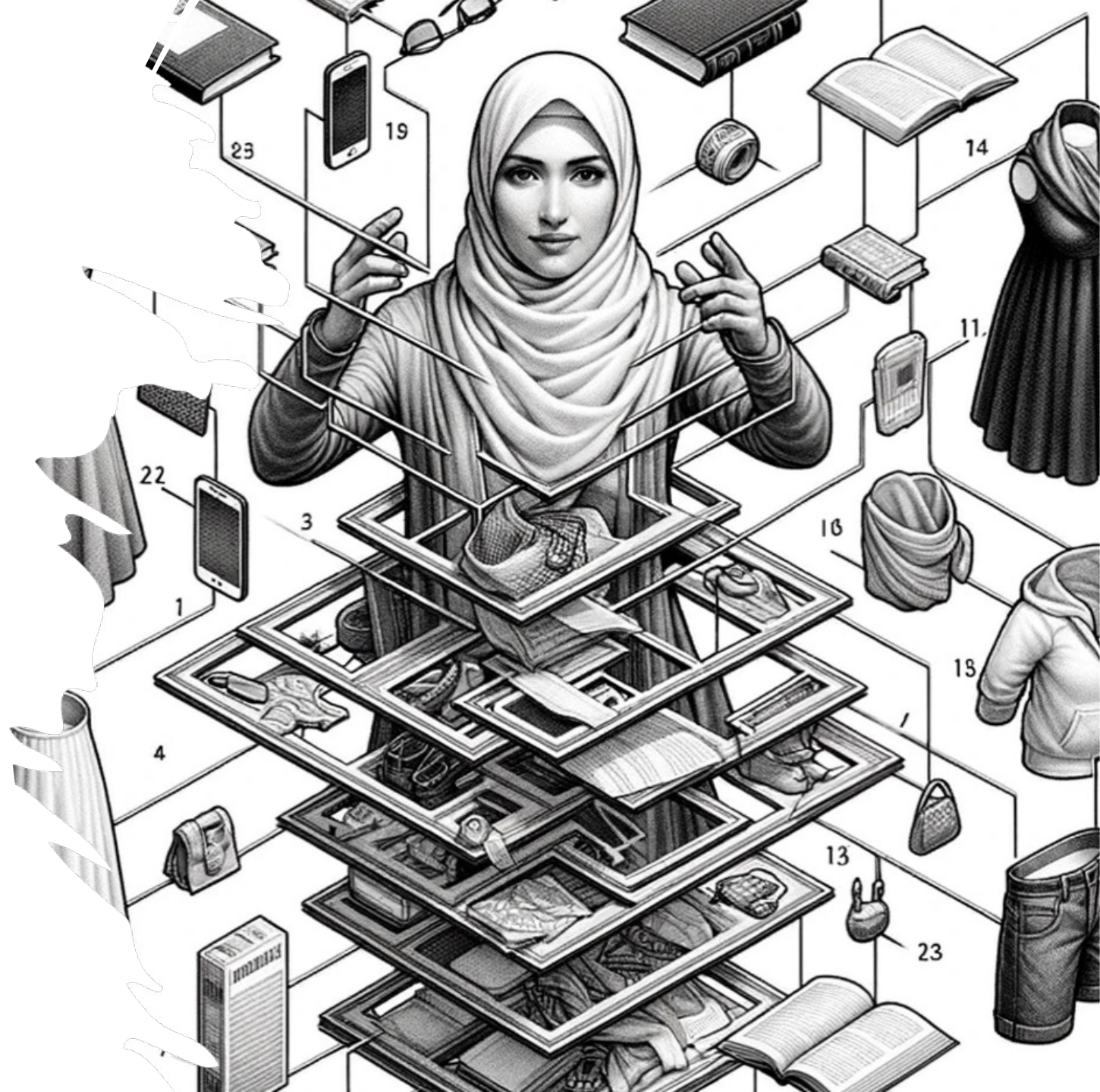


State Themes

- AI in the Library Workplace:
 - Training and Education
 - Job Impact
 - Tool Accessibility
- AI in the Community:
 - Digital Literacy and Inclusion
 - Misinformation and Disinformation
 - Public Education and Resources
- Workplace Restrictions:
 - Policy and Governance
 - Ethical Considerations

AI Competencies

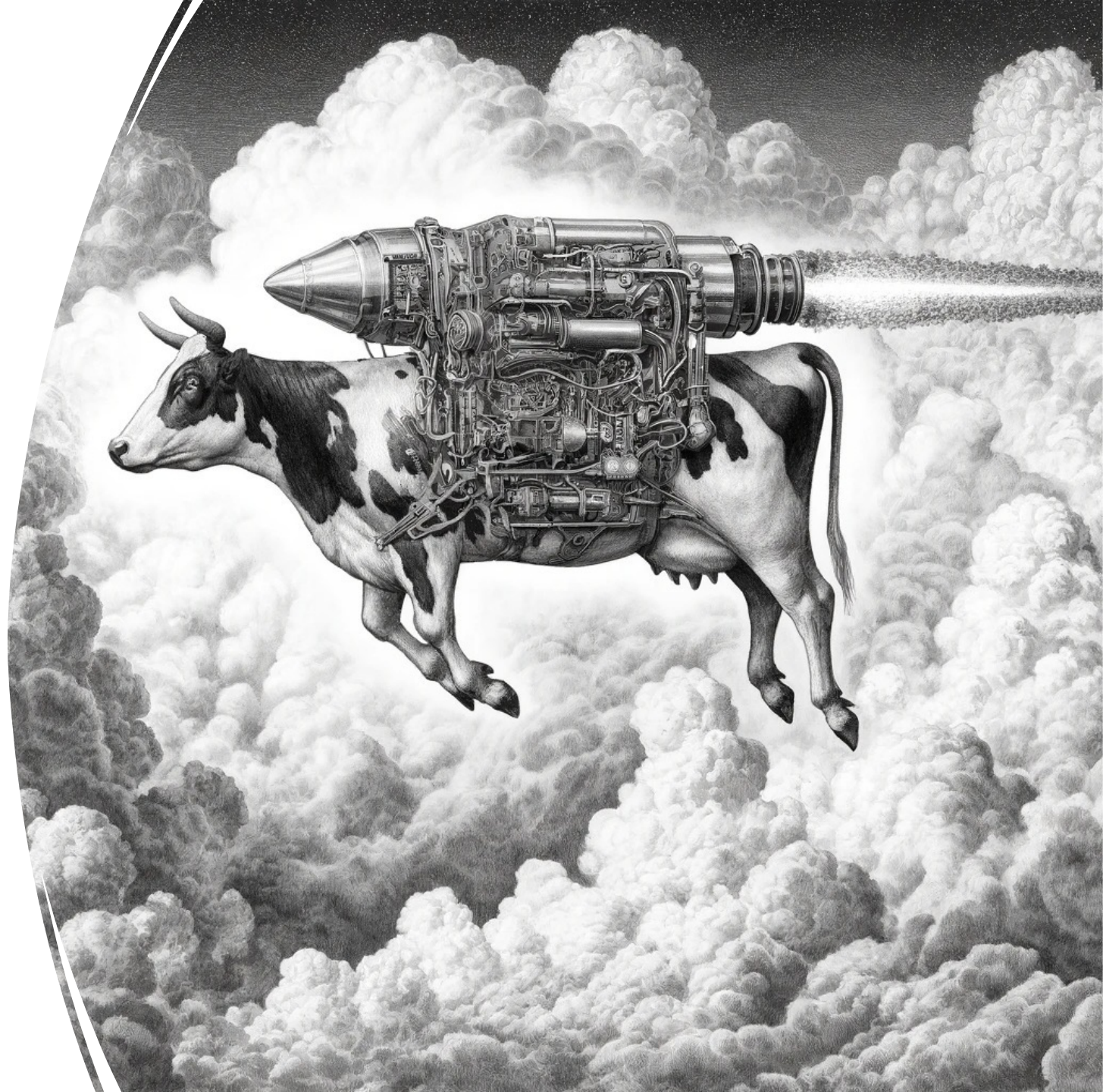
What librarians and staff
need to know to know



Librarian Roles and Skills

Area of Knowledge	Function	Skill
Data	Diverse Data Sets, Privacy, Intellectual Property, Data Stewards, Data Hygiene, Ontological Development	Data Literacy, Ontology, Policy, Research Skills
Algorithms	Advocate for Explainable AI	Facilitation, Community Engagement
Machine Learning	Training, Hallucinations, Diverse Test Sets, Evaluation, Transparency	Project Management, Evaluation
Application	Participatory Design, Advocate for Equitable Access	Training, Evaluation, Advocacy, Access

Dream



Ideas and Approaches

- The reality of “Augmented Intelligence” where the librarian can use AI to increase impact.
- The need for a national public AI infrastructure and the role of libraries
- The use of generative AI to facilitate community story creation and sharing
- How AI tools can help all voices in a community tell their authentic story
- The use of Large Language Models (such as ChatGPT) in analyzing qualitative data (written feedback for example) and in evaluation

Dread



Questions

- Does AI threaten library jobs?
- Corrosive AI – the potential threat of AI generated disinformation to public institutions and democratic processes
- Ethics and LLM original sin
- Use of AI in censorship
- Overwhelming Production (Amazon Books, Literary Journals, Scholarly Publishing)

Deconstruct

AI Petting Zoo



AI Petting Zoo: A Virtual Learning Lab

The screenshot shows the Azure Lab Services interface for a Virtual Machine Pool. The top navigation bar includes 'Azure Lab Services', the resource group 'rg-labs-info-pilot', and the lab 'SLAAIT2'. The left sidebar contains navigation options: Dashboard, Template, Virtual machine pool (selected), Users, Schedule, and Settings. The main content area is titled 'Virtual machine pool' and includes a descriptive note: 'Each registered user in your lab will automatically get one virtual machine in this pool. Any virtual machine that is not assigned to a user within 30 days will be automatically removed.' Below this is a table listing 14 virtual machines. The first VM is in a 'Starting...' state, while the others are 'Stopped'. Each row includes a selection checkbox, the name 'Unassigned', a set of action icons (trash, key, refresh), the state, '0 user hours' of quota used, and a private IP address.

<input type="radio"/>	Name ↑		State	Quota hours used	Private IP Address
<input checked="" type="checkbox"/>	Unassigned		Starting...	0 user hours	10.0.0.9
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.6
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.11
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.5
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.16
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.18
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.10
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.13
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.12
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.14
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.7
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.8
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.15
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.17
<input type="checkbox"/>	Unassigned		Stopped	0 user hours	10.0.0.19

Azure Hosted Services

The image shows a Windows desktop environment with two primary applications open. On the left, a browser window displays the ChatGPT interface for the 'SAIPA' workspace. The chat history on the left lists various prompts such as 'What is the status of AI legislation in New York', 'Classifier 2', 'DALL-E', and 'Pencil illustration'. The main chat area shows a response from SAIPA regarding New York City Local Law 144 and several other bills (S7735/A7906, S7592/A7904, AB126/S8209, AB098, AB158/S7847, and S8214), detailing their purposes and current status (e.g., 'Enacted', 'Proposed', 'Discontinued').

On the right, a Discord server window is open, showing a channel with AI-generated images. The images depict a futuristic scene with children and dogs in a cave-like environment, with one image showing a child interacting with a dog. The Discord interface includes a sidebar with channel names like 'Midjourney', 'status', and 'community-updates', and a main chat area with a message from 'meabics-153' and a search bar.

The desktop background features a stylized, abstract pattern. The Windows taskbar at the bottom shows the search bar, task view button, and several pinned application icons. The system tray in the bottom right corner displays the time as 6:28 PM and the date as 6/24/2024.

Synthesis



Multi-Tiered Reports

Level	Recommendations
Individual State Level	Learning Competencies and Matrices Project Ideas Tied to Strategies
Across Member State Libraries	Opportunities for Engagement (COSLA, IMLS, CIOs)
The Field	Advocacy for Appropriate Investment and/or Cautions
Special Populations	Rural Communities

More Information



<https://CIRCL.community>