Developing a Library Strategic Response to Artificial Intelligence

A SLAAIT Briefing
Participating Agencies

- 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

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<thead>
<tr>
<th>Are of Knowledge</th>
<th>Function</th>
<th>Skill</th>
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<tbody>
<tr>
<td>Data</td>
<td>Diverse Data Sets, Privacy, Intellectual Property, Data Stewards, Data Hygiene, Ontological Development</td>
<td>Data Literacy, Ontology, Policy, Research Skills</td>
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<td>Algorithms</td>
<td>Advocate for Explainable AI</td>
<td>Facilitation, Community Engagement</td>
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<tr>
<td>Application</td>
<td>Participatory Design, Advocate for Equitable Access</td>
<td>Training, Evaluation, Advocacy, Access</td>
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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**

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**Virtual machine pool**

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.

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Azure Hosted Services
Synthesis
Multi-Tiered Reports

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<th>Level</th>
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<td>Individual State Level</td>
<td>Learning Competencies and Matrices</td>
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<td></td>
<td>Project Ideas Tied to Strategies</td>
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<td>Across Member State Libraries</td>
<td>Opportunities for Engagement (COSLA, IMLS, CIOs)</td>
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<td>The Field</td>
<td>Advocacy for Appropriate Investment and/or Cautions</td>
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