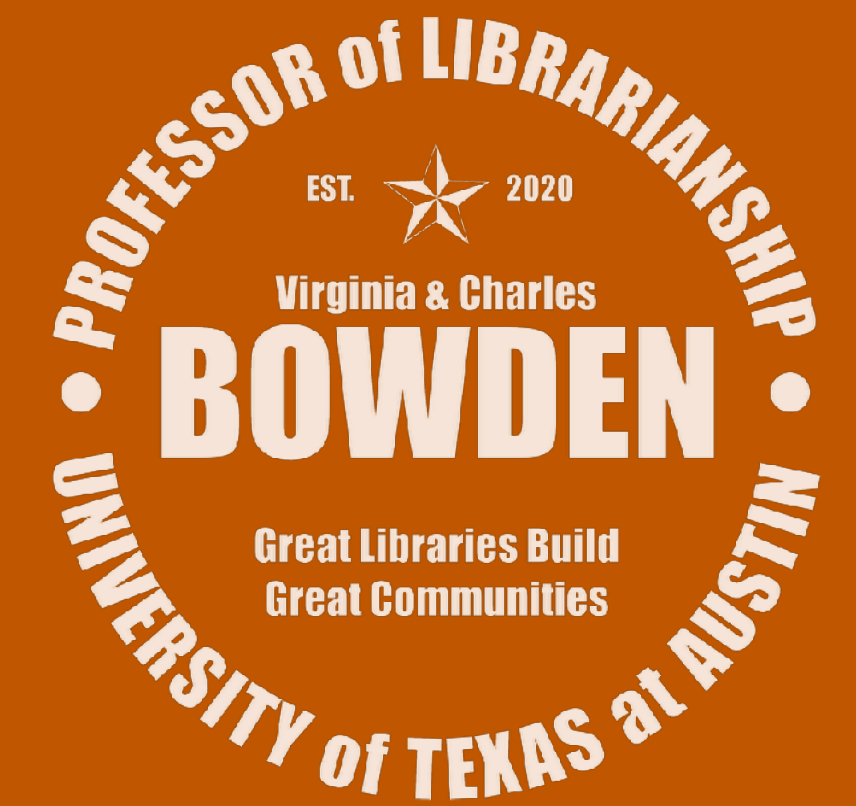
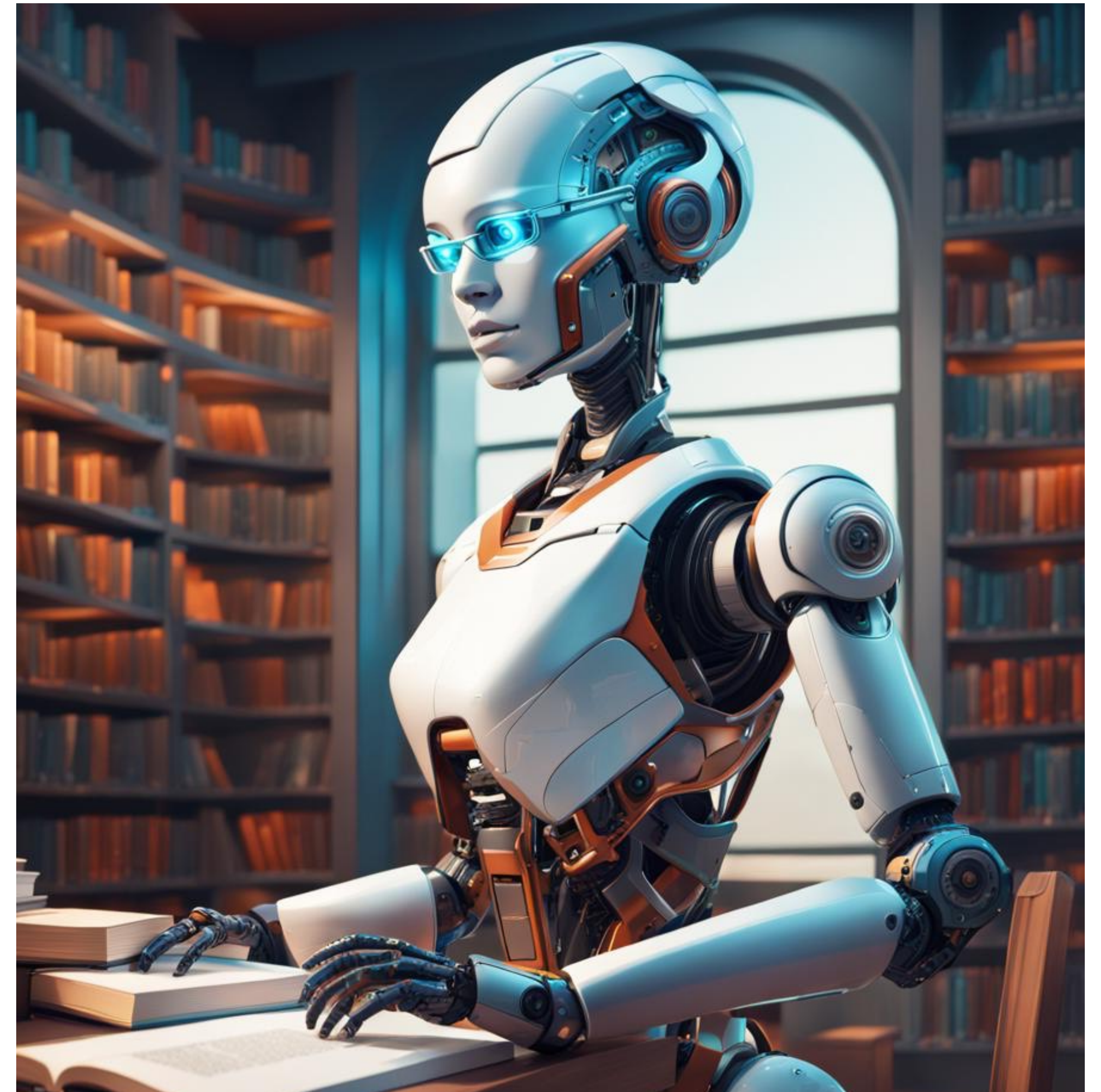


Facilitation at the core of librarians role in AI



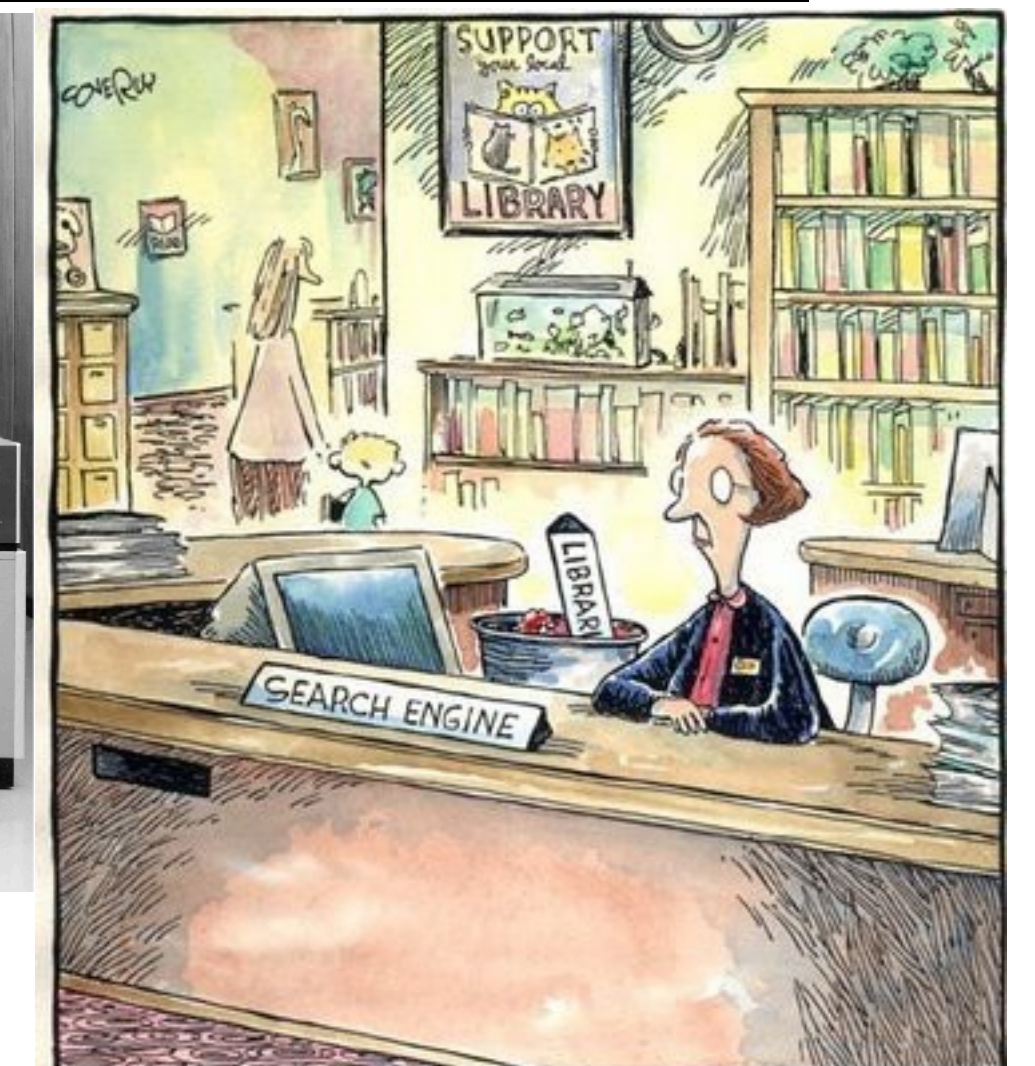
Librarians Core and Impact

- AI is coming to collections
- AI systems need to be assessed
- AI answers are in flux
- AI needs to be taught



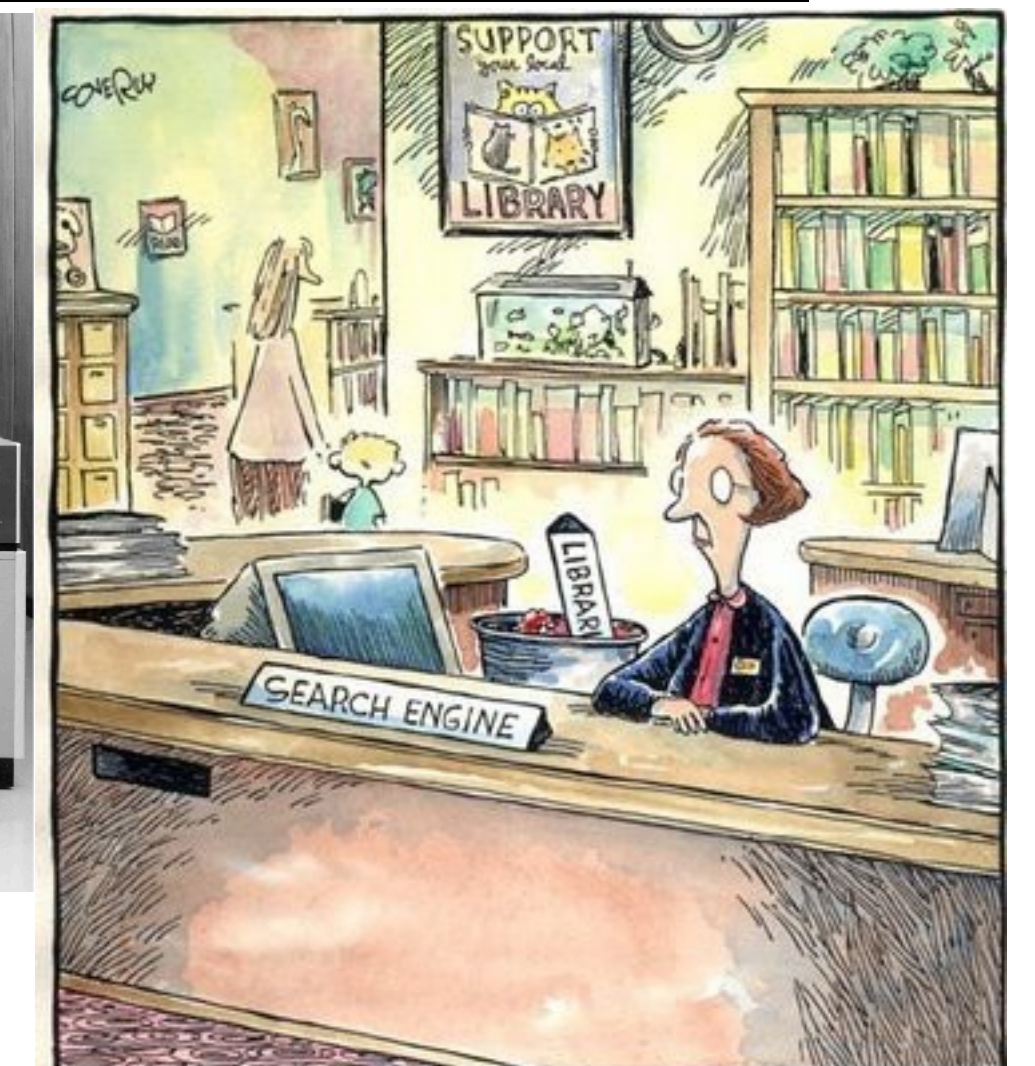
Metaphors and Librarians

- You are ***not*** Trivia Expert
- You are ***not*** an optimized Database
- You are ***not*** Google
- You are ***not*** ChatLIB
- You ***are*** a facilitator



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Artificial Intelligence Catches Up

- The move to data-based algorithms over earlier models
 - Frames
 - Natural Language Processing

Muddled Vocabulary



- Big Data, algorithms, AI, deep learning
- Three interlocking levels:
 - data, algorithms, and machine learning

Muddled Vocabulary





Muddled Vocabulary



Librarian Role



MACHINE LEARNING

Librarian Role



MACHINE LEARNING

Librarian Role



MACHINE LEARNING

Librarian Role



MACHINE LEARNING

Function: Training, Hallucinations, Diverse Test Sets,
Evaluation, Transparency

Librarian Role



Function: Diverse Data Sets, Privacy, Intellectual Property, Data Stewards, Data Hygiene, Ontological Development (knowledge trees)



MACHINE LEARNING

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Function: ADVOCACY for Explainable AI

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MACHINE LEARNING

Function: Training, Hallucinations, Diverse Test Sets, Evaluation, Transparency

Skill: Project Management, Assessment

Librarian Role



Function: Diverse Data Sets, Privacy, Intellectual Property, Data Stewards, Data Hygiene, Ontological Development (knowledge trees)

Skill: Data literacy, Ontology/Taxonomy, Policy, Research Skills



Function: ADVOCACY for Explainable AI

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Librarian Role



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Skill: Data literacy, Ontology/Taxonomy, Policy, Research Skills



Function: ADVOCACY for Explainable AI

Skill: Facilitation, Community Engagement

MACHINE LEARNING

Function: Training, Hallucinations, Diverse Test Sets, Evaluation, Transparency

Skill: Project Management, Assessment

Bottom Line

- We must not treat this as the latest reference thing to be cataloged
- We ***MUST*** be the voice of the common good - if not us then who?
- Our skills must continue to evolve - not our values



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