What about data literacy? Business librarians and the ACRL Framework for Information Literacy

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Introduction

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Agenda

- Context for Business Data Literacy Competencies
- Mapping the Competencies to ACRL Framework
- Summary & Future Direction
- Q&A Discussion

Business data literacy competencies (Pothier & Condon, 2019)	Description of business data literacy competency
1. Data organization and storage	focuses on foundational data management practices
2. Understanding data used in business contexts	involves identifying sources or potential sources of data and thinking critically about the use of the data.
3. Evaluating the quality of data sources	involves critically evaluating how data was generated, who created or generated it, and how is it being analyzed and interpreted.
4. Interpreting data	highlights the importance of knowledgably decoding data in order to apply findings effectively.
5. Data-driven decision making	emphasizes the data has the power to effect change by enabling decision makers to make deliberate and informed choices.
6. Communicating and presenting effectively with data	"is about extracting a meaningful and cogent narrative from the data" (Pothier & Condon, 2020).
7. Data ethics and security	embodies the "responsibility to approach collection, interpretation, use, and security of data ethically and with integrity" (Pothier & Condon, 2019).

Business Data Literacy Competencies

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Data Literacy & the Framework

- Establish connections between competencies and foundational documents
- Move competencies into practice
- Emphasize data literacy in library instruction
- Strengthen voice of business librarians as key stakeholders

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The Mapping

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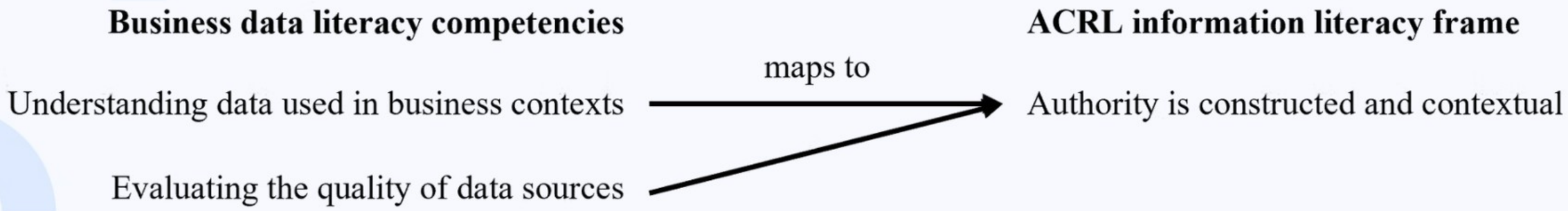
Business data literacy competencies
ACRL information literacy frame
maps to
Understanding data used in business contexts
Authority is constructed and contextual
Evaluating the quality of data sources

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Business data literacy competencies		ACRL information literacy frame
Data organization and storage	maps to →	Information creation as process

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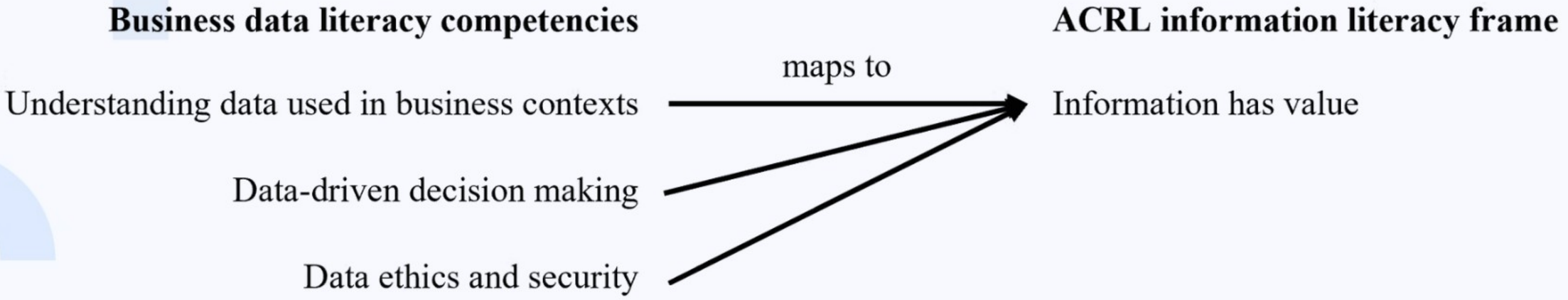
Business data literacy competencies
ACRL information literacy frame
maps to
Understanding data used in business contexts
Information has value
Data-driven decision making
Data ethics and security

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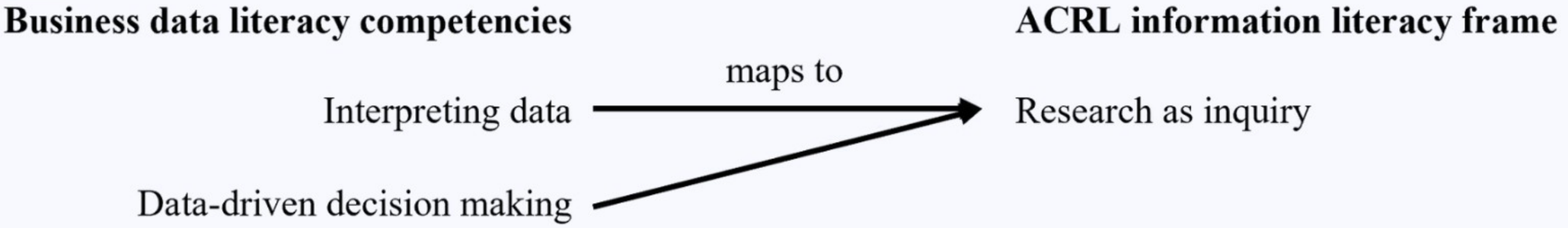
Business data literacy competencies
ACRL information literacy frame
maps to
Interpreting data
Research as inquiry
Data-driven decision making

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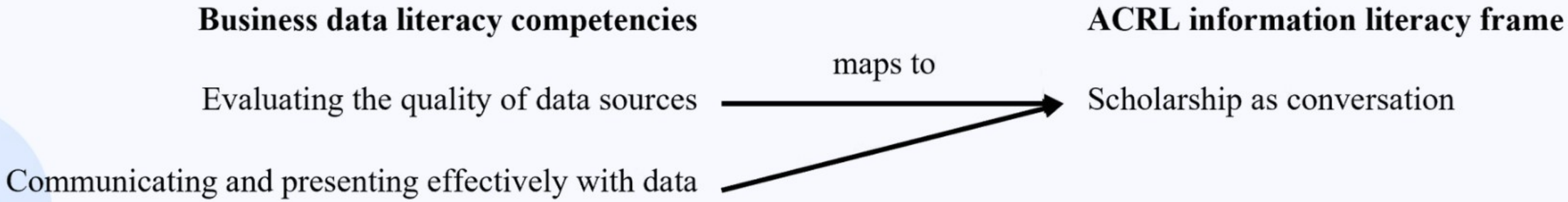
Business data literacy competencies
ACRL information literacy frame
maps to
Evaluating the quality of data sources
Scholarship as conversation
Communicating and presenting effectively with data

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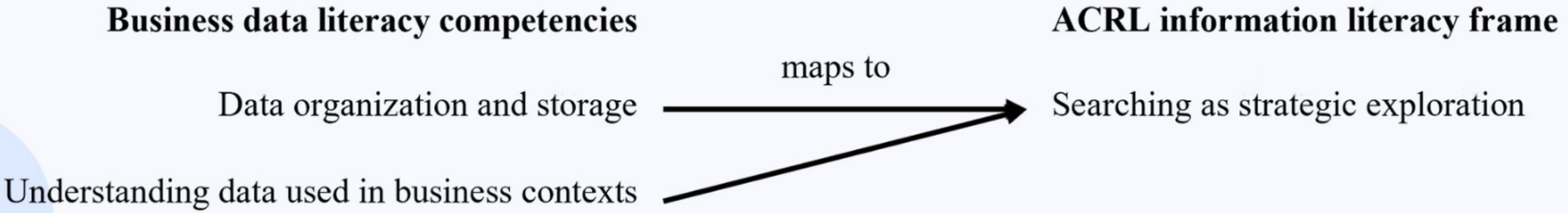
Business data literacy competencies
ACRL information literacy frame
maps to
Data organization and storage
Searching as strategic exploration
Understanding data used in business contexts

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Summary and Future Directions

- Identifies baseline business data literacy competencies for students.
- Bridges intersection on foundational Framework, business librarianship, and data literacy
- Introduces strategies to integrate data literacy into library instruction for business & economics
- Future research: Explore relevancy of business data literacy competencies to the workforce

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Resources

https://libraryguides.unh.edu/businessdataliteracy

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