Exploring Business Data Literacy Competencies and the ACRL Framework

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Exploring Business Data Literacy Competencies and the ACRL Framework

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Agenda

- Introduction
- Activity - Ranking Frames
- Mapping the Competencies
- Activity - Strategies for Instruction
- Facilitated Conversation
- Q&A
<table>
<thead>
<tr>
<th>Business data literacy competencies (Pothier &amp; Condon, 2019)</th>
<th>Description of business data literacy competency</th>
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</thead>
<tbody>
<tr>
<td>1. Data organization and storage</td>
<td>focuses on foundational data management practices</td>
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<tr>
<td>2. Understanding data used in business contexts</td>
<td>involves identifying sources or potential sources of data and thinking critically about the use of the data.</td>
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<tr>
<td>3. Evaluating the quality of data sources</td>
<td>involves critically evaluating how data was generated, who created or generated it, and how is it being analyzed and interpreted.</td>
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<tr>
<td>4. Interpreting data</td>
<td>highlights the importance of knowledgably decoding data in order to apply findings effectively.</td>
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<tr>
<td>5. Data-driven decision making</td>
<td>emphasizes the data has the power to effect change by enabling decision makers to make deliberate and informed choices.</td>
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<tr>
<td>6. Communicating and presenting effectively with data</td>
<td>“is about extracting a meaningful and cogent narrative from the data” (Pothier &amp; Condon, 2020).</td>
</tr>
<tr>
<td>7. Data ethics and security</td>
<td>embodies the “responsibility to approach collection, interpretation, use, and security of data ethically and with integrity” (Pothier &amp; Condon, 2019).</td>
</tr>
</tbody>
</table>
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
Please rank in order the Frames according to frequency of use in your own instruction:

1st: Information has Value
2nd: Searching is Strategic
3rd: Research as Inquiry
4th: Authority is Contextual and Constructed
5th: Information Creation as a Process
6th: Scholarship as a Conversation
The Mapping
Business data literacy competencies

- Understanding data used in business contexts
- Evaluating the quality of data sources

ACRL information literacy frame

- Authority is constructed and contextual

maps to
Business data literacy competencies

Data organization and storage

maps to

ACRL information literacy frame

Information creation as process
Business data literacy competencies

Understanding data used in business contexts
Data-driven decision making
Data ethics and security

maps to

ACRL information literacy frame

Information has value
Business data literacy competencies

- Interpreting data
- Data-driven decision making

ACRL information literacy frame

maps to

- Research as inquiry
Business data literacy competencies

- Evaluating the quality of data sources
- Communicating and presenting effectively with data

ACRL information literacy frame

Scholarship as conversation
Business data literacy competencies

- Data organization and storage
- Understanding data used in business contexts

ACRL information literacy frame

- Searching as strategic exploration

maps to
Activity

Strategies for integrating data literacy and the Framework into library instruction

https://jamboard.google.com/d/1KS-poc5BoETmMIxkMviT69rllOZ3V9_YdIVf6INIGnw/edit?usp=sharing
Discussion and Wrap Up
Resources

https://libraryguides.unh.edu/businessdataliteracy
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