Data

What do we need, and what do we do with it once we have it?

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INTERLIBRARY COLLABORATION

Both institutions benefit from the manpower of collections librarians and public services librarians focused on two sides of data support.
Evaluating and Building Meaningful Collections
University of north texas

Establishing policies and procedures around data resource acquisition
Rubrics act as an easy way to document our decisions regarding electronic resources.
Rubric Elements

• Access or Use Restrictions
• Chronology
• Formats
• Metadata
• Quality
  • Substance
  • Authority

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Rubric Elements Cont.

• Usability

• Confidentiality

• Tutorials or Guides

• Licensing or Copyright Concerns
  • Especially Public Domain Data

• Other areas:
  • Usage Statistics
  • Interlibrary loan
The policy acts as an outward facing explanation of our internal processes.
Policy Elements

In addition to the Rubric Elements:

• Language

• Geographical Area

Other things to consider:

• Interested areas

• What is your focus? Students or Faculty?

• Will you allow for exceptions?
Data Resources

An environmental scan of items owned, subscriptions we do not own, and Open Access or freely available to understand the data resource landscape
How to find resources

• Ask
  • Liaisons/subject matter experts
  • Fellow Librarians
  • use listservs and other resources
• Search other libraries’ catalogs or LibGuides
• Conferences and vendors

Ask me
Data Resources (Freely Available)

Data Explorer
MatWeb
IMF
Global Health Observatory Data Repository
EM-DAT
Datagov
Datausaio
American Fact Finder
TIGER
EJ Screen
Stats America
TNRIS
Geospatial Data Gateway

FAO Geonetwork
Asian Development Bank
County Business Patterns
Federal Reserve Archive (FRASER)
National Center for Health Statistics
UN Data
World Bank Open Data
OECD Statistics
Correlates of War Project
Union Membership and Coverage Database
American National Election Studies
So many more...
Data Resources (Paid)

Mintel
Euromonitor International
Reference USA
Statista
SimplyMap
I/B/E/S
WGSN
Gallup Analytics
World Market intelligence
Data Planet
iPoll
CQ products (i.e. Voting and Elections)
Hoover's Online
Wharton Research Data Services

Social Explorer
Million Dollar Database
Landscan
Standards and Poor NetAdvantage
Foundation Center Database
Hotel Horizons
Mergent
Voxgov
Social Science Electronic Data
RealtyTrac
Rand State Statistics
Technomic
Data Citation Index
Again, so many more...
Building Expertise and Service Models
Establishing public services around data

Phase 1

Internal Development

Focus: The creation of instruction content & building library expertise in data management and visualization in preparation of marketing services to the UTA community.
Phase 1:
Internal Development

The two learning groups set goals focused on data management and visualization. Participants in these groups will provide training for liaisons and front-line staff.
**Phase 1:**

Internal Development

Data information literacy competencies, *first published by Purdue Libraries*, were adjusted to include

Levels: emerging, intermediate & expert

Three additional, one removed & two re-defined competencies

Learning outcomes for each
Phase 2

Support Services Implementation

Piloting training and instruction content for grad & undergrad students and faculty in various disciplines.
**Phase 2:**
Support Services Implementation

While no broad marketing yet, a) instruction scaffolding in classes and b) workshop partnerships with graduate & faculty training groups are being coordinated for campus.

**Pilots for DIL Instruction:**
- Journalism (undergraduate)
- Public Affairs (graduate)
- Public Health (undergraduate)
- Nursing (doctoral)
- Economics (undergraduate)
## Example DIL Competency

### Samples from Competency 2: Data Curation & Reuse

<table>
<thead>
<tr>
<th>Emerging</th>
<th>Intermediate</th>
<th>Expert</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Understands how to cite data</td>
<td>• Is able to distinguish between active data and stored data.</td>
<td>• Understands how to make data citable.</td>
</tr>
<tr>
<td>• Recognizes data’s value beyond original purpose, to validate research or for secondary analysis.</td>
<td>• Develops understanding of the elements in a dataset that are likely to have future value for self or others.</td>
<td>• Identifies potential opportunities for improvements in data curation practices of subdiscipline.</td>
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</tbody>
</table>
Future Endeavors

- Instruction & outreach based on particulars of collections, including promotion of and training for use of open data
- Consultations around open access & proprietary variables in datasets
- Adaptation & implementation of one another’s projects at our institutions
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