

Data Literacy & Reference Services: Core Competencies for Supporting Undergraduate Students

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CARLDIG-S 2018 Fall Program: Recapturing Reference

Context

- UCI Libraries & data
- Data services vs. data literacy vs. statistical literacy
- Is this our job?

Competencies

- Finding data
- Sourcing data
- Evaluating data/statistics within sources
- Evaluating graphs/charts/visualized data within sources
- Basic visualization
- Data-centric reference interview skills

Data. Deal With It!

- Trainings
 - What is Data? An Introduction to Data. Deal with it!
 - How to understand data visualizations
 - Assessing the integrity of data visualizations
 - Demographic & census data: Social Explorer, American FactFinder, etc.
 - Webinar viewings
- Mini tool demos: Raw, Gephi, Voyant, Palladio, Wolfram Alpha, R, Social Explorer, Carto, Excel, Tableau

Data. Deal With It! - Lessons Learned

- Scope
- Priorities, roles, & service models
- Voluntary vs mandatory
- Implementation & assessment
- Partners on campus

Resources

- [Keeping Up With Statistical Literacy](#) (ACRL)
- [Data Information Literacy: Librarians, Data, and the Education of a New Generation of Researchers](#)
- [Data Visualization and Information Literacy](#)
- [A Tour Through the Visualization Zoo](#)
- [Spurious Correlations](#)

Questions?

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