
Learning from Success: Approaching Data Management in the Humanities with Optimism and Good Cheer

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Data Management?

“In the context of research and scholarship, data management refers to the

**storage, access, and
preservation**

of data produced from a given investigation.”

- *Texas A&M Libraries*

Data Lifecycle Management

Storage, access, and
preservation +

“Data management practices cover the **entire lifespan of the data** from planning to conducting it, and from backing up data **as it is created and used** to long term preservation of data deliverables **after the research investigation has concluded.**”

White House Office of Science and Technology Policy memo

For the heads of executive
departments and agencies

- Sharing “to the greatest extent and with the fewest constraints possible”
- To “catalyze innovative breakthroughs”
- “provide grist for new insights”
- Goal is to develop “policies that mobilize these publications and data for reuse through preservation and broader public access” because this will “maximize the impact and accountability of the Federal research investment.”

The Spirit of the DMP

DMP = Data Management Plan



https://i.kinja-img.com/gawker-media/image/upload/s--eVlRdf03--/c_scale,fl_progressive,q_80,w_800/jcxcywck4zxdvpg3ijq.jpg

NEH Template

Office of Digital Humanities
template for
Data Management Plans

Roles and Responsibilities

Expected Data

Period of Data Retention

Data Formats and Dissemination

Data Storage and Preservation of Access

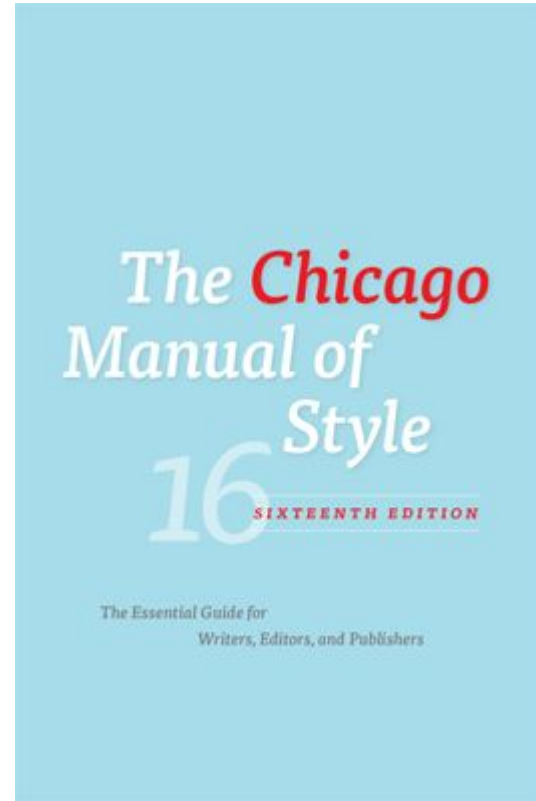
Data for a Humanist

from “Data Management Plans for
NEH Office of Digital Humanities
Proposals and Awards”

“Data’ is defined as materials generated or collected during the course of conducting research. Examples of humanities data could include citations, software code, algorithms, digital tools, documentation, databases, geospatial coordinates (for example, from archaeological digs), reports, and articles.”

Data for a Humanist

Your own citations

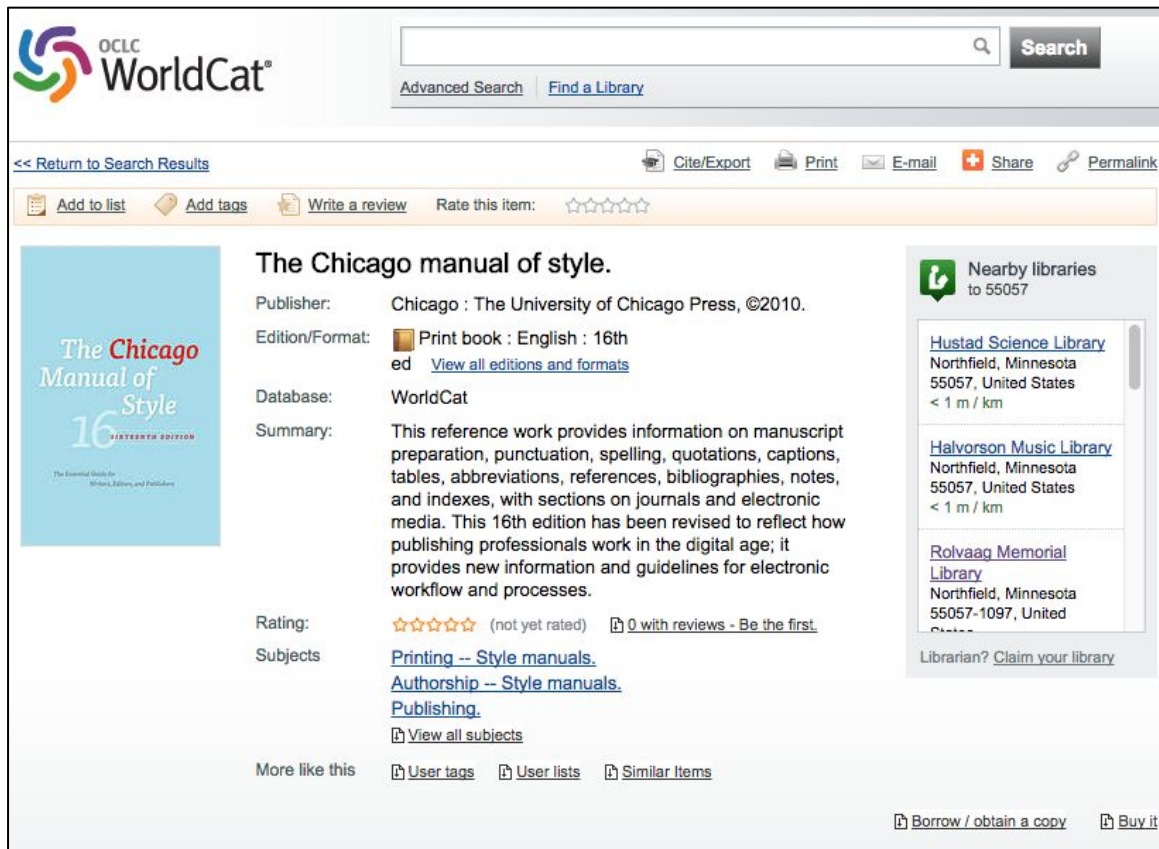


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Data for a Humanist

Your own citations

Metadata about metadata



The screenshot displays the OCLC WorldCat interface for the book 'The Chicago Manual of Style, 16th Edition'. The page includes a search bar at the top right with a 'Search' button. Below the search bar are links for 'Advanced Search' and 'Find a Library'. The main content area features a book cover on the left, a detailed description in the center, and a list of nearby libraries on the right. The book cover is blue with the title 'The Chicago Manual of Style' and '16th Edition' prominently displayed. The central text provides metadata such as the publisher (Chicago: The University of Chicago Press, ©2010), edition (16th), and a summary of the book's content. The right sidebar lists three nearby libraries: Hustad Science Library, Halvorson Music Library, and Rolvaag Memorial Library, all located in Northfield, Minnesota. At the bottom right, there are links for 'Borrow / obtain a copy' and 'Buy it'.

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The Chicago manual of style.

Publisher: Chicago : The University of Chicago Press, ©2010.

Edition/Format:  Print book : English : 16th ed [View all editions and formats](#)

Database: WorldCat

Summary: This reference work provides information on manuscript preparation, punctuation, spelling, quotations, captions, tables, abbreviations, references, bibliographies, notes, and indexes, with sections on journals and electronic media. This 16th edition has been revised to reflect how publishing professionals work in the digital age; it provides new information and guidelines for electronic workflow and processes.

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Data for a Humanist

Your own citations

Metadata about metadata

Other people's data...

- Census

Subject	United States			
	Estimate	Margin of Error	Percent	Percent Margin of Error
WORLD REGION OF BIRTH OF FOREIGN BORN				
Foreign-born population, excluding population born at sea	41,056,445	+/-102,782	41,056,445	(X)
Europe	4,813,466	+/-18,712	11.7%	+/-0.1
Asia	11,999,010	+/-32,420	29.2%	+/-0.1
Africa	1,742,620	+/-15,763	4.2%	+/-0.1
Oceania	232,632	+/-4,258	0.6%	+/-0.1
Latin America	21,448,989	+/-67,927	52.2%	+/-0.1
Northern America	819,728	+/-8,088	2.0%	+/-0.1
LANGUAGE SPOKEN AT HOME				
Population 5 years and over	294,133,373	+/-3,687	294,133,373	(X)
English only	232,724,203	+/-121,279	79.1%	+/-0.1
Language other than English	61,409,170	+/-119,977	20.9%	+/-0.1
Speak English less than "very well"	25,305,202	+/-68,810	8.6%	+/-0.1
Spanish	38,098,698	+/-72,339	13.0%	+/-0.1
Speak English less than "very well"	16,346,401	+/-44,757	5.6%	+/-0.1
Other Indo-European languages	10,806,493	+/-40,815	3.7%	+/-0.1
Speak English less than "very well"	3,436,072	+/-22,879	1.2%	+/-0.1
Asian and Pacific Islander languages	9,776,631	+/-23,415	3.3%	+/-0.1
Speak English less than "very well"	4,673,798	+/-16,658	1.6%	+/-0.1
Other languages	2,727,348	+/-20,477	0.9%	+/-0.1
Speak English less than "very well"	848,931	+/-11,472	0.3%	+/-0.1
ANCESTRY				
Total population	314,107,084	*****	314,107,084	(X)
American	22,365,250	+/-53,443	7.1%	+/-0.1
Arab	1,769,645	+/-20,573	0.6%	+/-0.1
Czech	1,479,588	+/-11,823	0.5%	+/-0.1
Danish	1,323,182	+/-10,809	0.4%	+/-0.1
Dutch	4,387,814	+/-18,649	1.4%	+/-0.1
English	25,181,294	+/-59,031	8.0%	+/-0.1
French (except Basque)	8,431,568	+/-25,741	2.7%	+/-0.1
French Canadian	2,052,979	+/-17,133	0.7%	+/-0.1
German	46,874,293	+/-66,695	14.9%	+/-0.1
Greek	1,285,866	+/-11,557	0.4%	+/-0.1
Hungarian	1,440,762	+/-10,155	0.5%	+/-0.1
Irish	33,918,058	+/-70,417	10.8%	+/-0.1
Italian	17,330,315	+/-42,108	5.5%	+/-0.1
Lithuanian	659,664	+/-6,877	0.2%	+/-0.1
Norwegian	4,451,906	+/-23,641	1.4%	+/-0.1
Polish	9,452,375	+/-35,837	3.0%	+/-0.1
Portuguese	1,380,904	+/-13,586	0.4%	+/-0.1

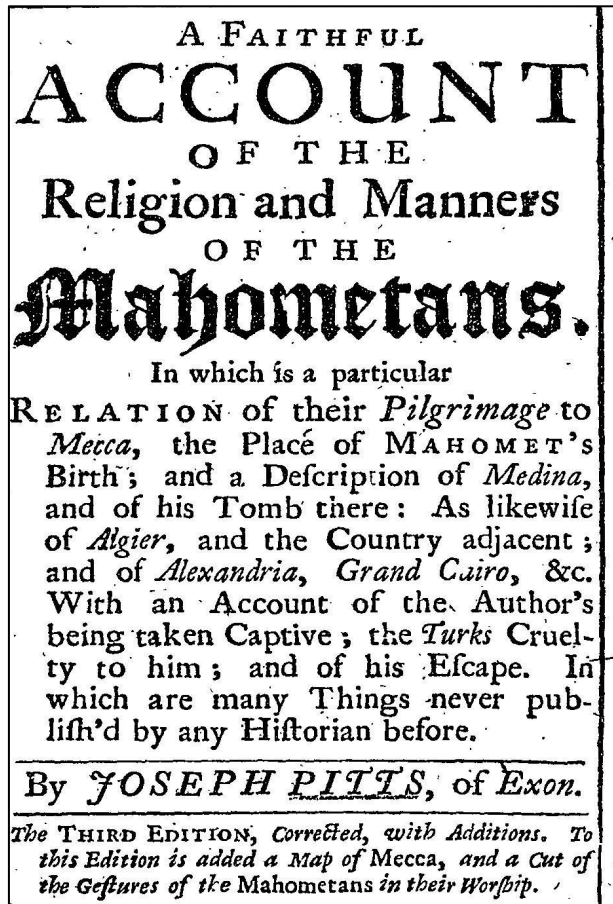
Data for a Humanist

Your own citations

Metadata about metadata

Other people's data...

- Census
- Primary source collections (ECCO)



Template of a DMP

1. Roles and responsibilities
2. Expected data
3. Period of data retention
4. Data formats and dissemination
5. Data storage and preservation of access

Round 1

Successful DMPs

1. Strengths/weaknesses?
2. What was vague and why?
3. What language stuck out as being in the spirit of the DMP?
4. What did you learn about DMPs?

See: <http://www.neh.gov/divisions/odh/grant-news/data-management-plans-successful-grant-applications-2011-2014-now-available>

Round 2

Services based on DMP Template

1. What questions would you ask as the faculty member starts thinking about data management?
2. Fill in a blank DMP form for either text, video, or an image.
3. How would you prepare to speak to the faculty member? Who else would you invite to this conversation? What information would you need to gather first?
4. What resources would you like to have on hand / what's in your "toolbox"? (i.e. template, form, libguide, etc)