Annotated Bibliography Assignment - QUANTITATIVE REASONING version

Pick a topic in the quantitative sciences that interests you; confirm it with your instructor. Examples of topics you might choose include: technology to facilitate open government, mapping tools that predict the spread of diseases.

Topic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go the libraries’ website at <https://libraries.usc.edu/>. Under the Research menu, choose “Research Guides.” Research guides are curated collections of resources (like databases, catalogs, websites, archival collections). Choose one of the following guides that most closely reflects your topic, and underline it:

* Computer Science
* Mathematics
* Spatial Sciences & GIS

Below, you’ll be asked to find three types of sources. Use the research guide to identify resources where you can search. **For example:** on the Spatial Sciences & GIS Research Guide, there are tabs for “Find Journal Articles,” “Home,” and “United States.” Under the “Home” tab, you could search the website “American FactFinder” to find a data set. Use the descriptions of each database, catalog, or website to judge what sources you could look for there.

Find one of each of the following types of sources, keeping your topic in mind.

**Source 1: Theoretical or Introductory Reference Work**

*(examples: early number theory, introduction to structure of a computing language)*

In which resource (e.g., library catalog, ProQuest) did you find this source?

Under which tab in the research guide is the resource listed?

Search terms used to find the source:

APA citation for the source (see Citation research guide for guidance - <http://libguides.usc.edu/citation>):

What makes this a theoretical or introductory reference work?

What unique purpose does a theoretical or introductory reference work bring to a research paper or project on this topic?

**Source 2: Literature Review**

*(examples: review of 20 years of research on online privacy, compilation of most influential spatial science research)*

In which resource (e.g., library catalog, ProQuest) did you find this source?

Under which tab in the research guide is the resource listed?

Search terms used to find the source:

APA citation for the source (see Citation research guide for guidance - <http://libguides.usc.edu/citation>):

What makes this a literature review?

What unique purpose does a literature review bring to a research paper or project on this topic?

**Source 3: Data Set**

*(examples: map of demographic data from U.S. Census, historical set of temperature data in Australia)*

In which resource (e.g., library catalog, ProQuest) did you find this source?

Under which tab in the research guide is the resource listed?

Search terms used to find the source:

APA citation for the source (see Citation research guide for guidance - <http://libguides.usc.edu/citation>):

What makes this a data set?

What unique purpose does a data set bring to a research paper or project on this topic?