

HELPING UNDERGRADS GETTING STARTED WITH RESEARCH DATA

The recently launched Foundational Data Literacy Tutorial, "What Are Data and the Research Process?", co-developed by the UCSB Library's Teaching & Learning and Research Data Services departments, provides an accessible introduction to key concepts and terminology. Designed for lower-division students, this tutorial helps bridge the transition from high school to college by building a foundation for understanding data and research and engaging more confidently with data-related coursework.



Learning Goals

- Distinguish different data types
- Articulate the role of the researcher when using data
- Identify collection methods for research data
- Identify the variety of disciplinary data practices at UCSB



Main Features

- Interactive learning activities
- Knowledge-check quizzes
- Discipline-specific problem-based activities
- Real-world Channel Islands examples
- 20-30 minutes to complete
- Optional certificate of completion



For Instructors

The tutorial can be incorporated into lower-division courses as:

- Stand-alone assignments
- Pre-class primers
- Introduction to a research or data-focused assignment
- Component of a broader data literacy sequence



For Students

The tutorial is available to everyone, whether or not it is assigned as part of a course and anywhere in their academic trajectory. It helps students develop a stronger understanding of research data and the research process and prepare for coursework, research projects, and other data-related activities.

Optional Problem-Based Activities



Accessing & Adopting the Tutorial



Instructors can import the tutorial directly into a Canvas course:

In Canvas, select Commons and search for "UCSB Library Foundational Data Literacy Tutorial."



Access or embed the tutorial from the Library's Research Tutorials list.

Direct Link:
guides.library.ucsb.edu/az/tutorials/data-literacy

Have questions or need assistance with the tutorial?

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