

## **Data basics**

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### Activities

- [Data frames and spreadsheets]
- [Variable types](#)
- [Variables and units](#)
- [Response and explanatory variables](#)

### Learning objectives

#### Additional resources

- [Instructor orientation](#)
- [Role in statistical practice](#)
- [Classroom discussion](#)
- [Assessment](#)
- [Tips for an active classroom](#)
- [Student pre-requisites](#)
- [Pitfalls](#)

### **Orientation for instructors**

Explaining what is data and what are the forms of data.

Role in statistical practice

Conceptual pitfalls

Student pre-requisites

Student tasks and activities

Creating an active classroom

See the document on [general tips for creating an active classroom](#).

Assessment items

Pushing the envelope/advancing the field

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