

# Graphing data

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## Activities

- [Point plots](#)
- [Jittering and violins](#)
- [Summary intervals](#)
- [Response and explanatory variables](#)

## Learning objectives

### Additional resources

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

## Orientation for instructors

Showing the basic kinds of plots: data/density/interval

Role in statistical practice

Conceptual pitfalls

Learning objectives

Student background

Background data knowledge

(If we had) the population

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

Author info