

## Lesson Overview

The current lesson focuses on bivariate visualizations, meaning those visualizations involving two variables. The variation in one variable will affect the value of the other variable.

By the end of this lesson, you will be able to create and analyze different types of bivariate visualizations for all possible combinations of qualitative and quantitative variables. You will learn to code the following types of visualizations:

- heat maps,
- scatterplots,
- violin plots,
- box plots,
- clustered bar charts,
- faceting, and
- line plots

At the end of the lesson, we have introduced a few different visualizations, particularly, swarm, rug, strip, and stacked plots.