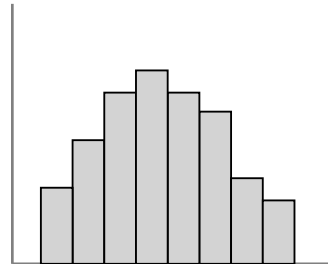


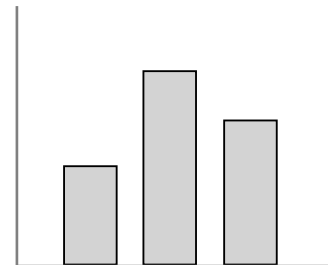
# BASIC GEOMS

Use this cheat sheet to find the right aesthetics for your geoms. First, find the visualization you want to create, and then have a look at the corresponding aesthetics. Based on the color and form of the aesthetic, you can see which variable types to use and whether the color can be mapped to variables.

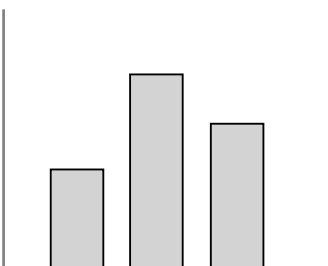
For a full reference of the aesthetics of each geometric object, go to:  
<https://ggplot2tor.com/aesthetics>



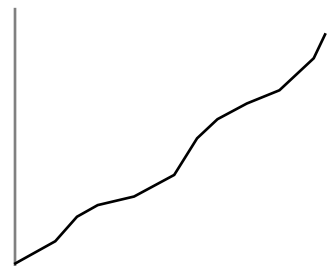
geom\_histogram



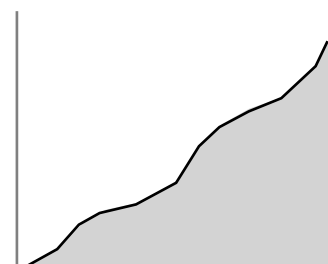
geom\_col



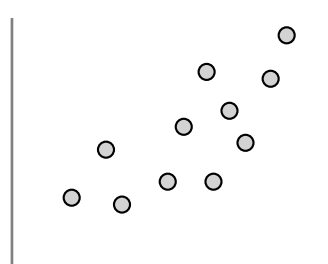
geom\_bar



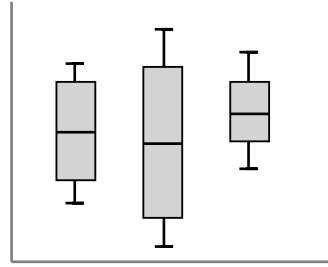
geom\_line



geom\_area



geom\_point



geom\_boxplot

	x	y	fill	alpha	color	width	size
geom_histogram	●		▲	▲	▲		▲
geom_col	●	●	■	▲	■	▲	▲
geom_bar	●		■	▲	■	▲	▲
geom_line	●	●		▲	■		▲
geom_area	●	●	■	▲	■		▲
geom_point	●	●		■	■		■
geom_boxplot	●	●	■	▲	■	▲	▲
	x	y	fill	alpha	color	width	size

- Aesthetic that **must** be mapped
- Aesthetic that **can** be mapped
- ▲ Aesthetic that **cannot** be mapped

- □ Aesthetic that should be mapped to a **continuous** variable
- □ Aesthetic that should be mapped to a **discrete** variable
- □ Aesthetic that can be mapped to a **discrete or continuous** variable

