## Class 05: Geometry Layers

Learning Objectives

- LO 1. Sketch a bar plot by hand from a small dataset.
- LO 2. Explain and construct histogram and density plots from a small dataset by hand.
- LO 3. Explain and construct a line of best fit for a scatter plot by hand.
- LO 4. Explain and construct a **smoothing curve** for a scatter plot by hand.
- LO 5. Apply **ggplot2** layers to implement bar plots, histograms, density plots, line plots, best fit lines, and smoothing curves in R.