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## Sticky Note Activity

In this activity, you are going to be introduced to the idea of distribution to represent individual observations of the same variable. We will use physical sticky notes to represent individual observations.

### Data For a Real Variable

1. You will be given a sticky note
2. Locate the **battery percentage remaining on your phone**
3. Record your percentage on your sticky note

### Summarizing the data

Hold up your sticky note

1. As a "class" what is our average percentage battery remaining?
2. How variable is that percentage?

### Creating a Distribution

Bring your sticky note to the axes on the board

1. As a "class" what is our average percentage battery remaining?
2. How variable is that percentage?

#### Vocabulary

This collection of points in a graph makes it easier to think of the data as an entity: a **distribution**. Distributions are characterized by: **Shape, Center, and Variability**.