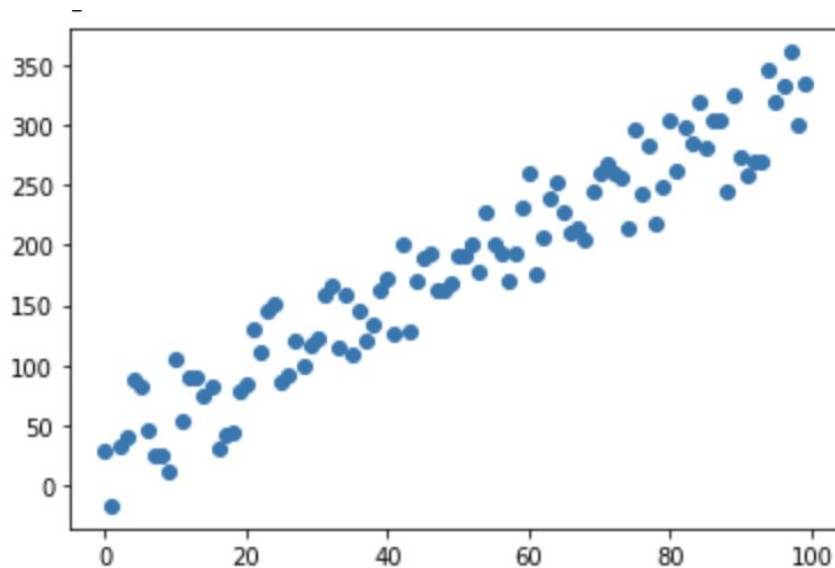# Lab 1D Pre-Lab

Charles Zhang

Watch the [2D arrays](#) and the [data read-in videos](#)

- Read in the mock [2-dimensional dataset](#) and make a scatter plot with the first column as the x axis and the second column as the y axis. Plot this dataset below:

Watch the experiment video and describe how we are using the Arduino to measure current

We can use the Arduino to read voltages at 2 separate points in the circuit, separated by a 100 kiloohm resistor, and then use Ohm's law to calculate the current flow based on the voltage drop recorded.