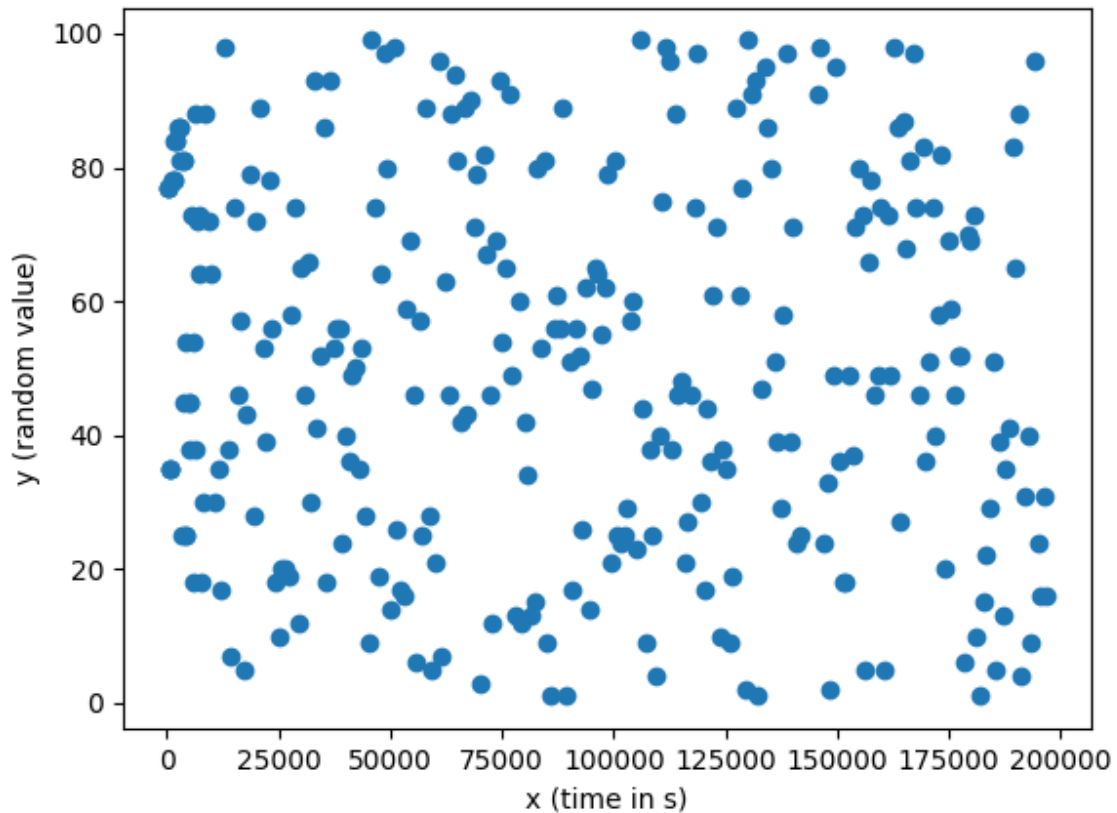


## Mini-project: arduino data with SD card

Group: Trevor Loe and Grace Garmire

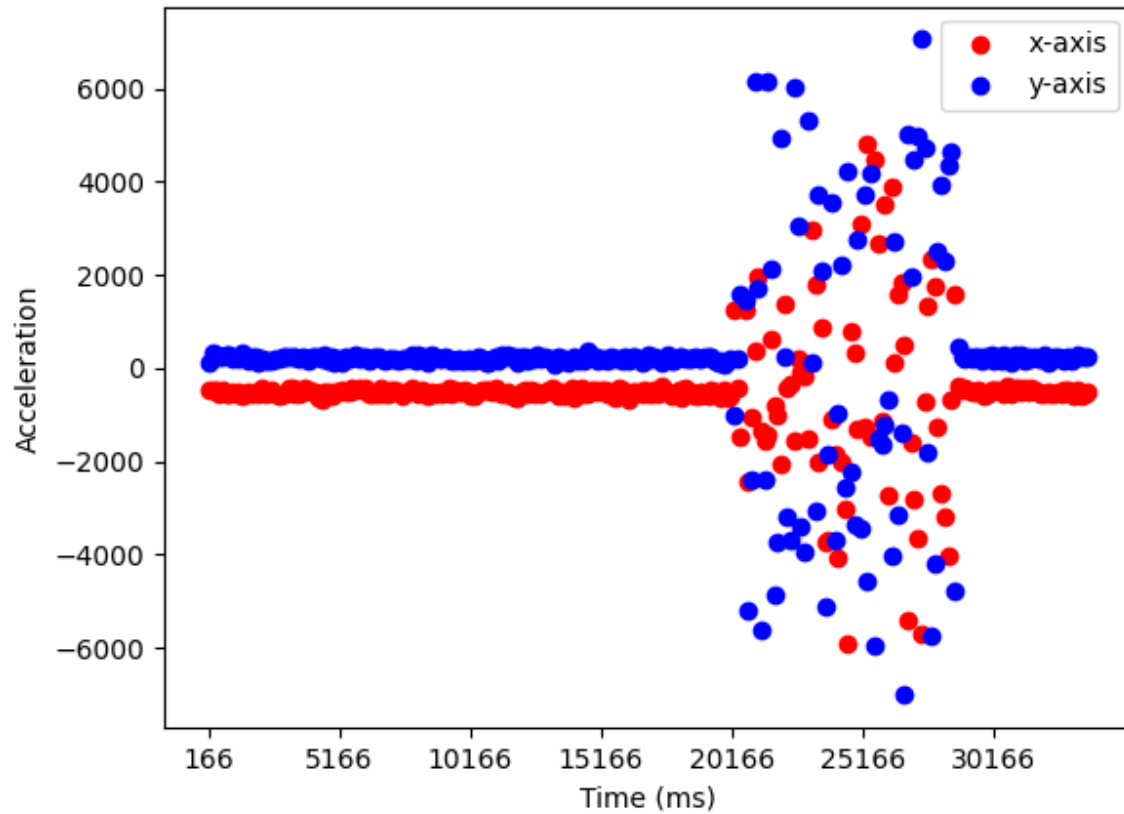
### Turn-in 1:

Plotted data from random numbers generated from the SD card. The data is read in python and plotted with matplotlib.



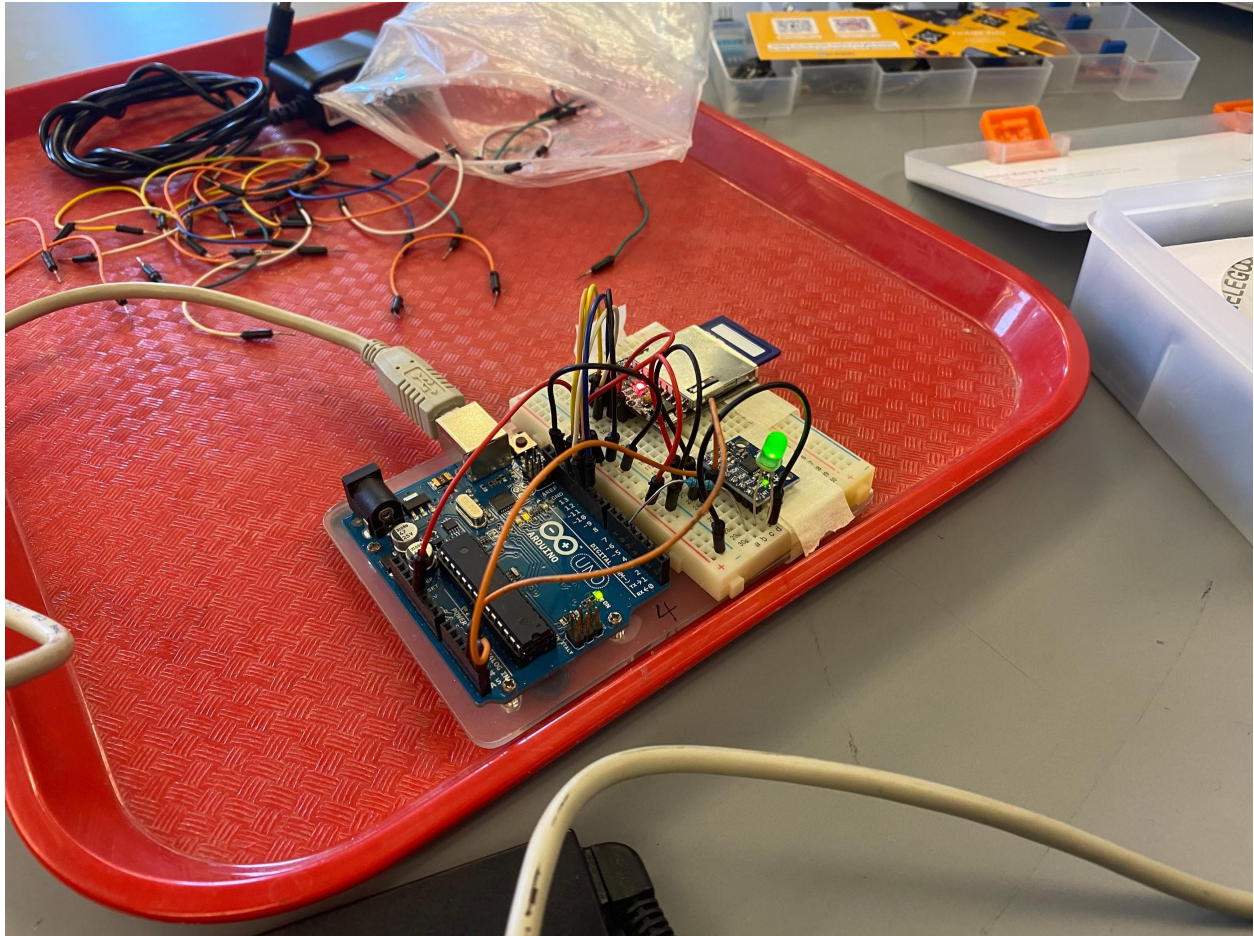
### Turn-in 2:

Acceleration data from data card. The data was read from the SD card and also plotted with python. For this data run, we kept the arduino and accelerometer still for about 20 seconds, then shook it violently for around 10 seconds. The plot reflects this



**Turn-in 3:**

The arduino, SD writer and accelerometer sensor setup.



Here the LED is blinking, indicating that data is being written to the SD card.