**MACHINE LEARNING TASK**

Find the two datasets attached with the mail. One dataset represents the x and y axis accelerations recorded by phone accelerometer for the case when a phone falls on the ground. The other dataset represent the x and y axis acceleration recorded by phone accelerometer when it is in a car which experiences a crash.

**Problem Statement: (15 points)**

Make a predictive tool which takes into account two inputs, i.e. x and y axis accelerations. The tool should be able to determine whether the phone has fallen or it is a car accident.

**Bonus Problem statement: (10 points)**

Make the predictive tool as such it learns with the new sets of data encountered in phone fall situation or accidental situation.

The progress should be reported by replying to [shikhar.irsc@gmail.com](mailto:shikhar.irsc@gmail.com) latest by October 14, 2019. The mail body should contain the approach used in achieving the results, program and results files should be attached with **NO** password with the mail.

Also please attach your submission to this form- https://forms.gle/4KuCGm37ccreBJjY8