**IMU Data**

1.Firstly using the python script(CrissT6P1.py) we can generate an excel sheet with acceleration and gyroscopic parameters in a total of 6 columns(using pandas, xlsxwriter and openpyxl). Now the data from acceleration and gyroscope columns can be used to compute the orientation angles.

2. Since the initial data of the accelerometer contains noise and bias and prolonged data of the gyroscope contains noise, we use a Complementary Filter to combine these data using sensor fusing methodologies to obtain accurate estimates. And this data can be appended into a new excel sheet.

3.Now the data from this sheet can be traversed row by row and simultaneously passed over to publisher node so that it can send it to topic.