

Python 3.6.5 |Anaconda, Inc.| (default, Mar 29 2018, 13:14:23)
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IPython 6.4.0 -- An enhanced Interactive Python.

Restarting kernel...

In [1]: runfile('/Users/andreunsal/Desktop/Accelerometer Algorithm [3.0].py', wdir='/Users/andreunsal/Desktop')
THIS IS AN ANALYZER DESIGNED FOR DATAFRAMES GENERATED BY METAMOTIONR 3AXIS
ACCELEROMOTERS
THE ANALYSES REQUIRE THAT ANY TESTS PERFORMED HAVE 1-2S OF STATIONARY DATA
BEFORE EXPERIMENT BEGINS

*** FILE METRICS ***

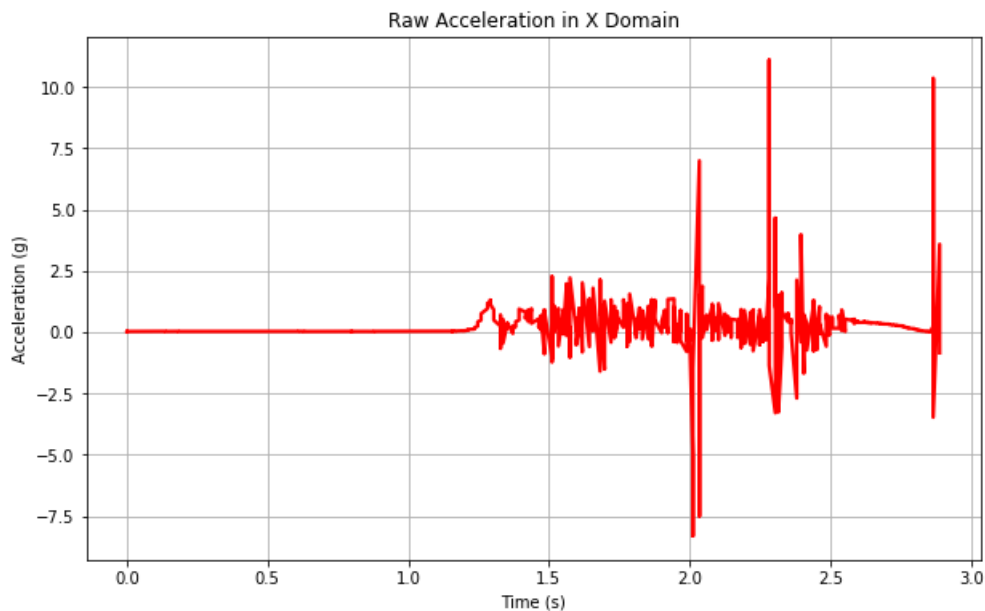
5g x direction 1.4m_MetaWear_2018-11-

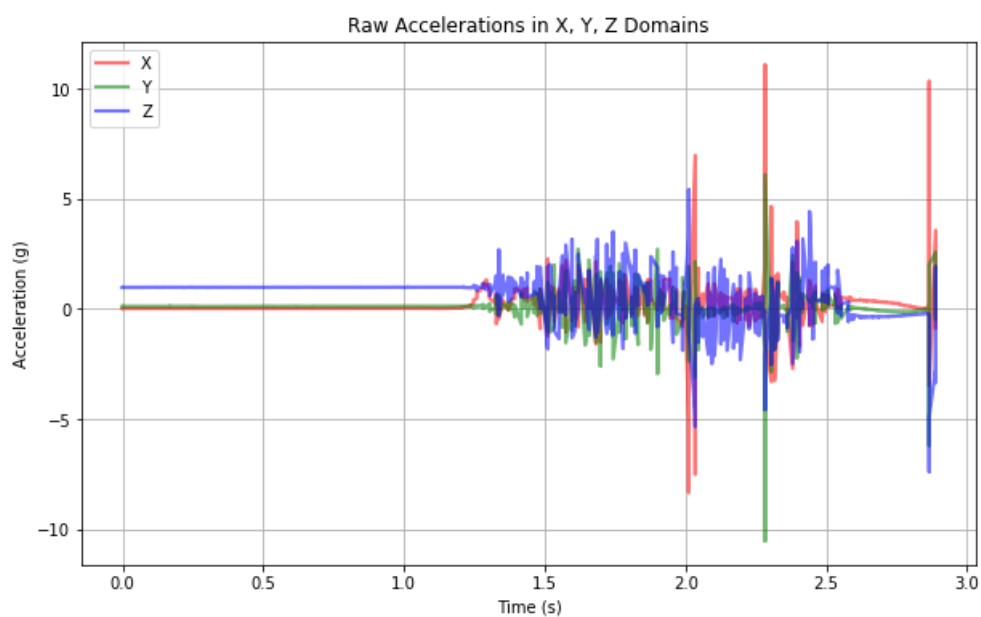
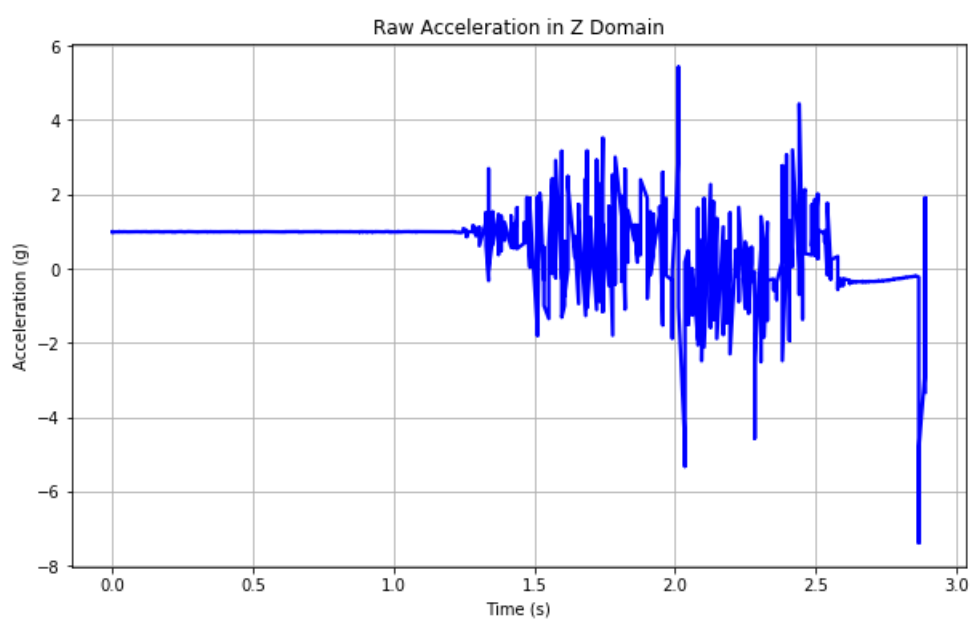
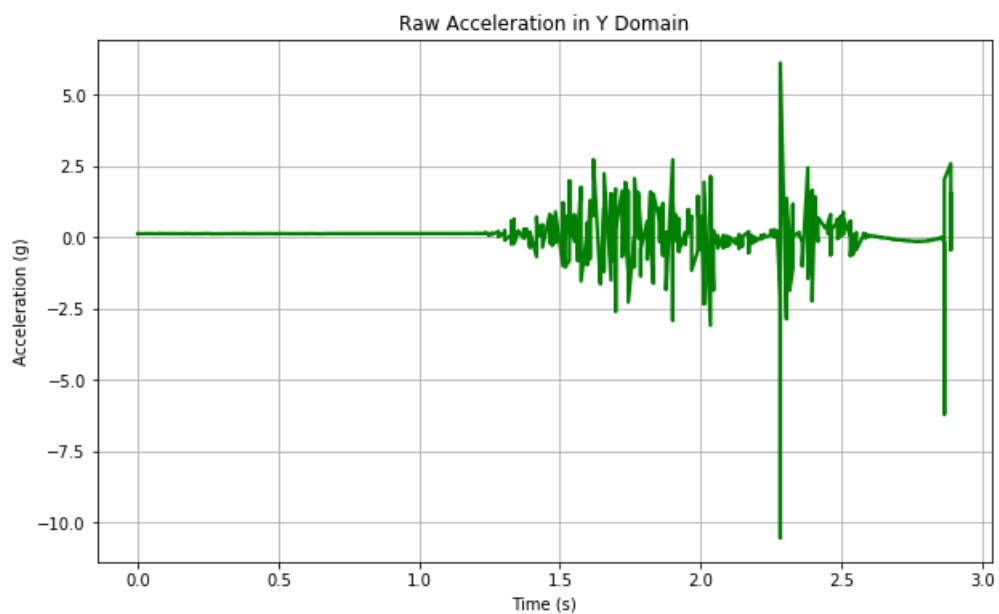
19T14.14.06.230_DF111CDFC80D_Accelerometer_200.000Hz_1.4.2.csv is being analyzed

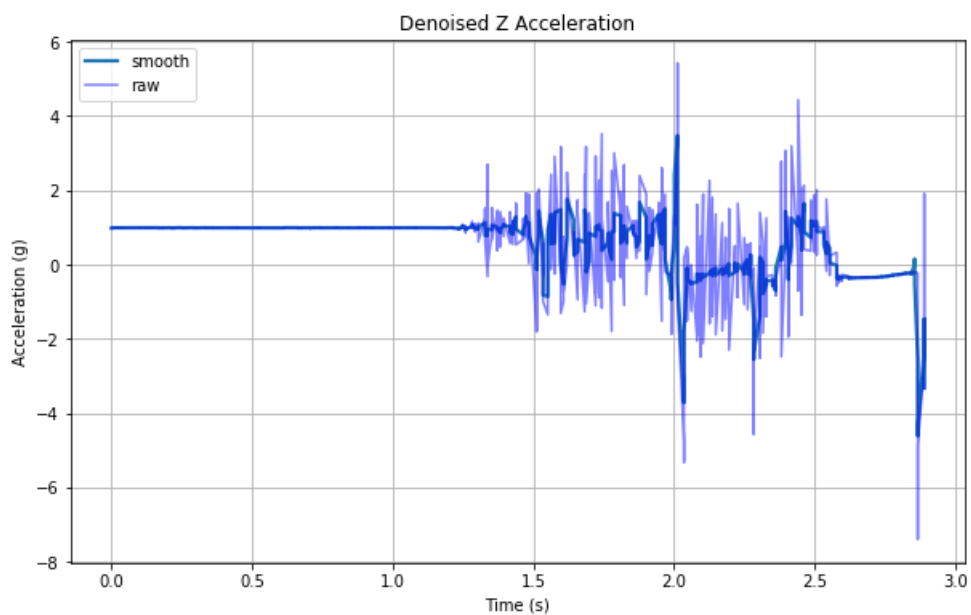
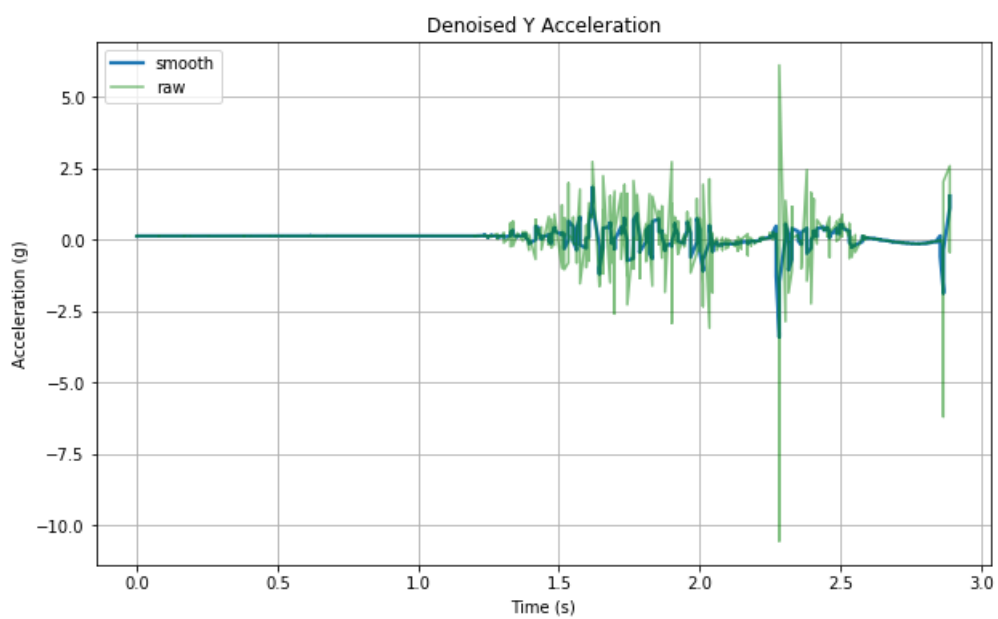
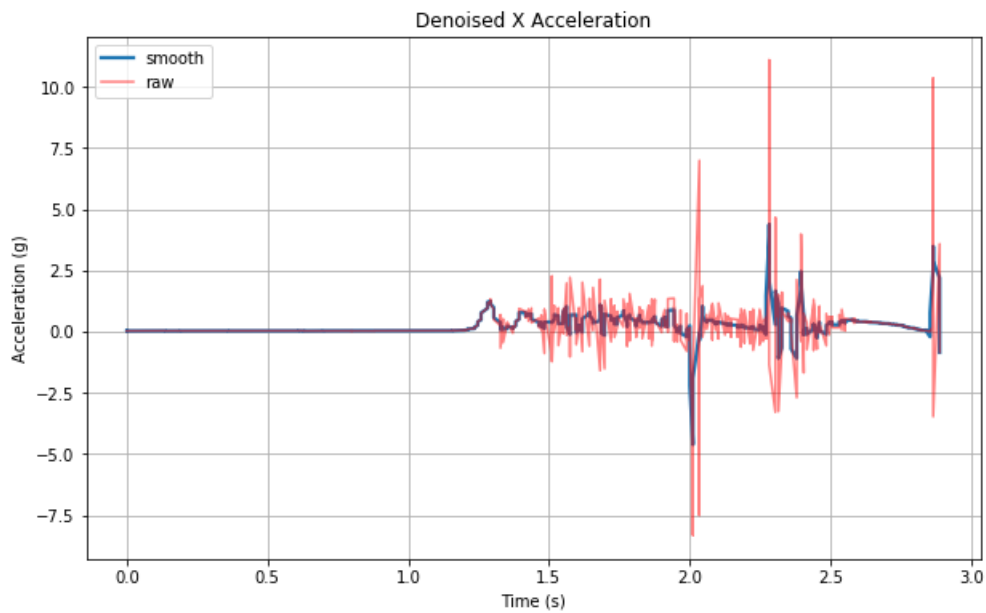
Data Size: 0.04 MB

Samples: 579

Time elapsed: 2.889 s



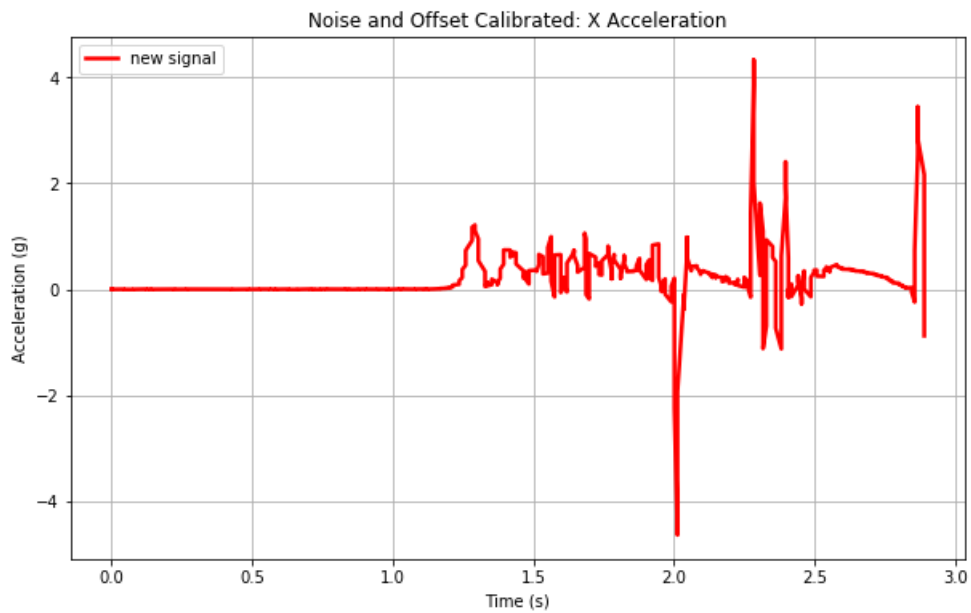




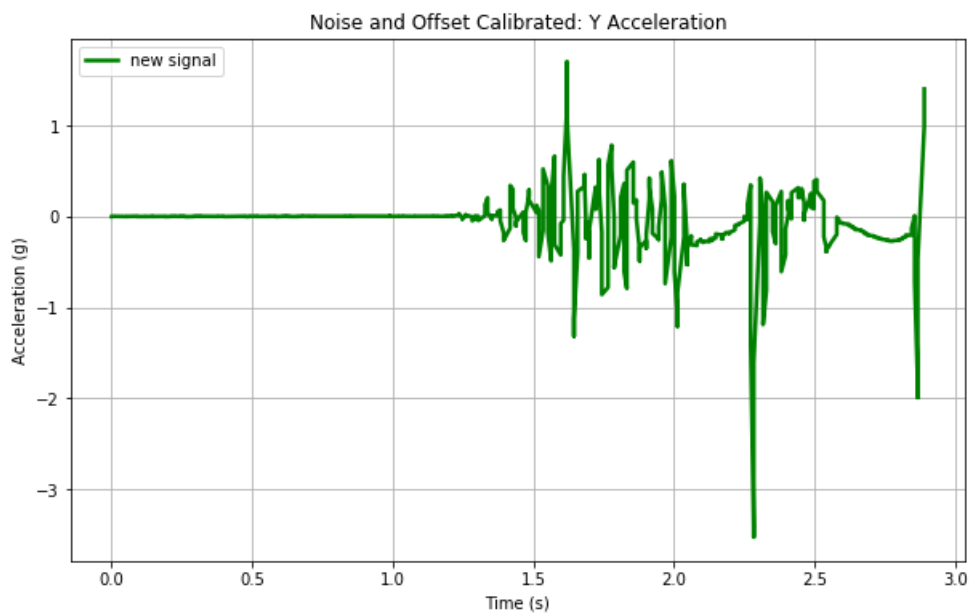
Offset first 200 samples X: %.4f 0.026332095238142304

Offset first 200 samples Y: %.4f 0.12742954694084557

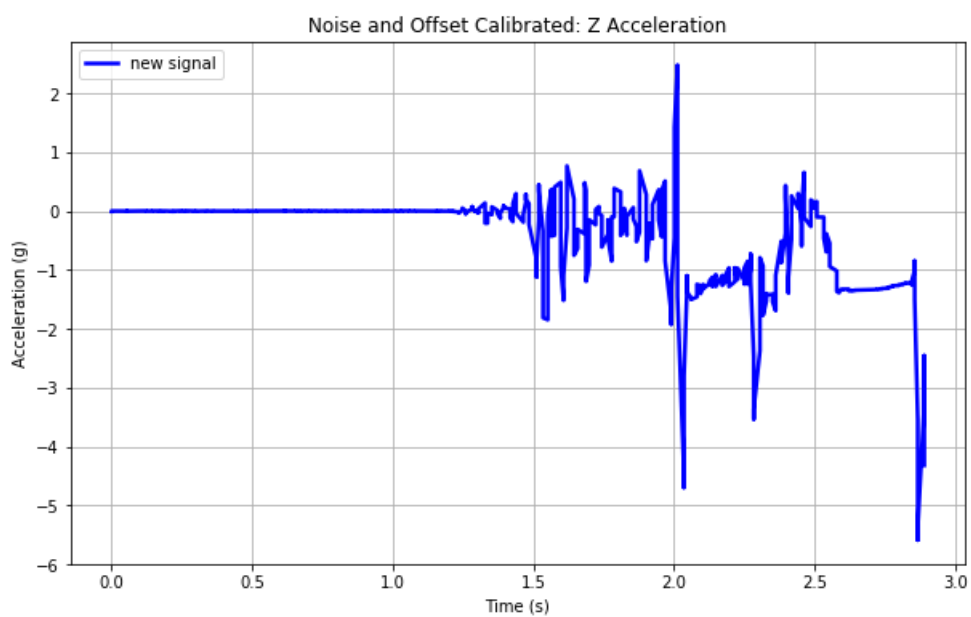
Offset first 200 samples Z: %.4f 0.01248777288962577



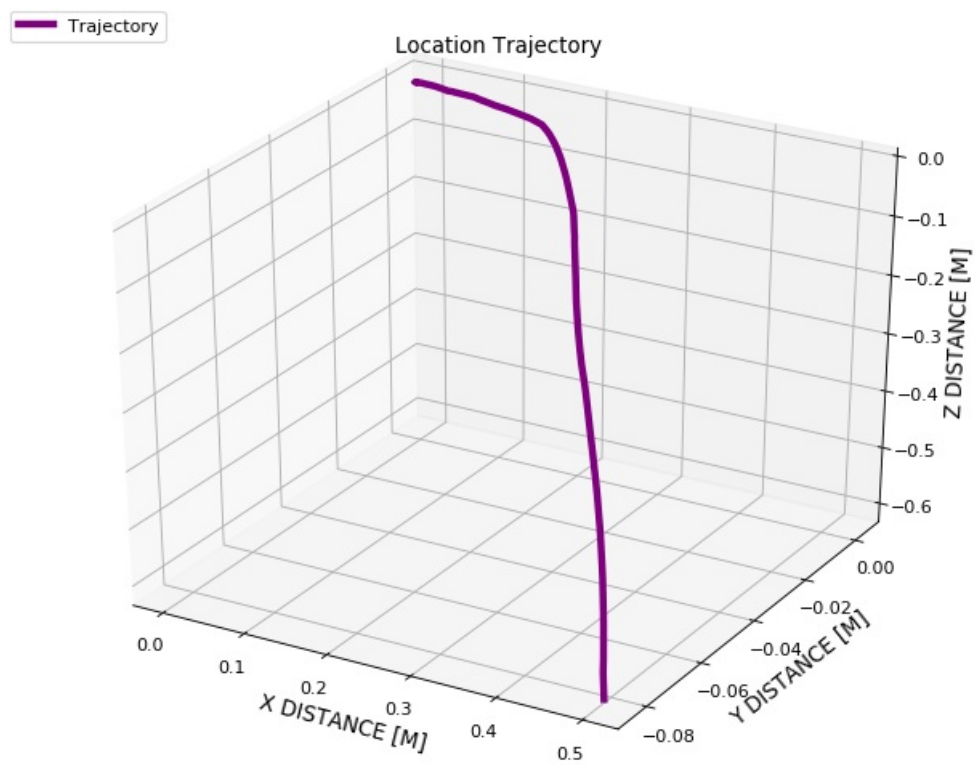
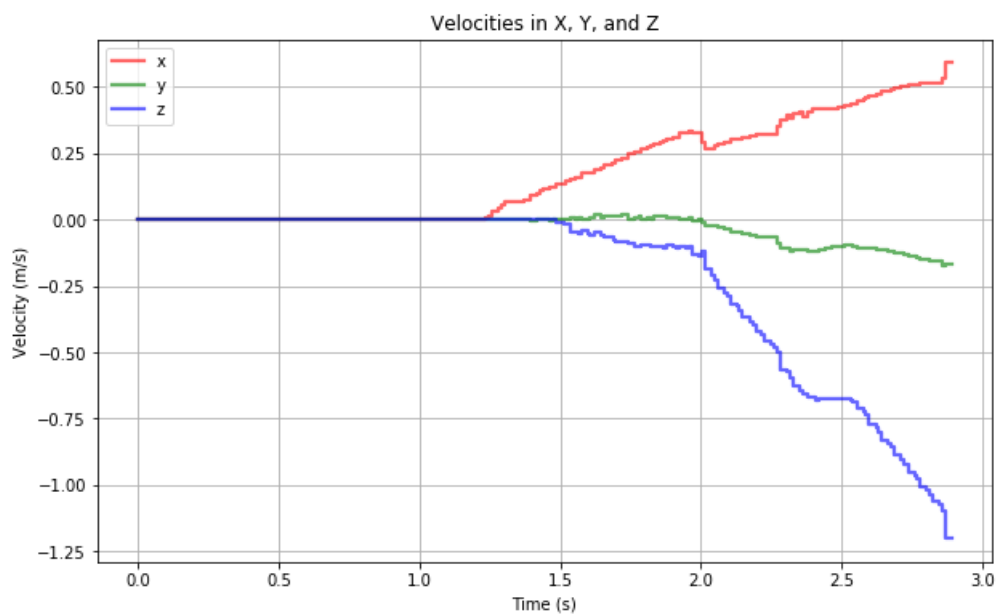
Updated Offset first 200 samples: $4.440892098500626\text{e-}18$



Updated Offset first 200 samples: $2.706168622523819\text{e-}18$



Updated Offset first 200 samples: $1.4654943925052067\text{e-}16$



In [2]: