

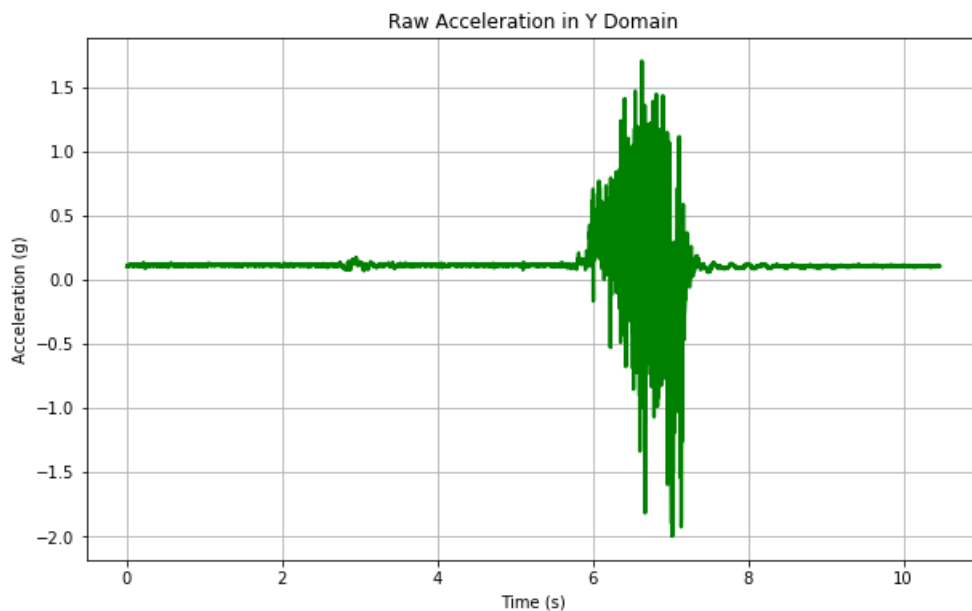
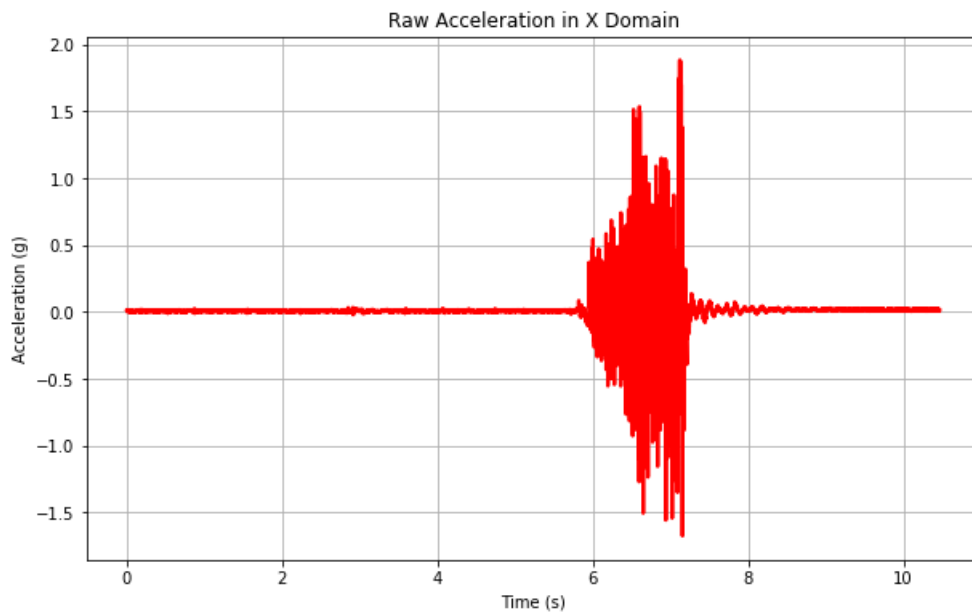
Python 3.7.0 (default, Jun 28 2018, 08:04:48) [MSC v.1912 64 bit (AMD64)]  
Type "copyright", "credits" or "license" for more information.

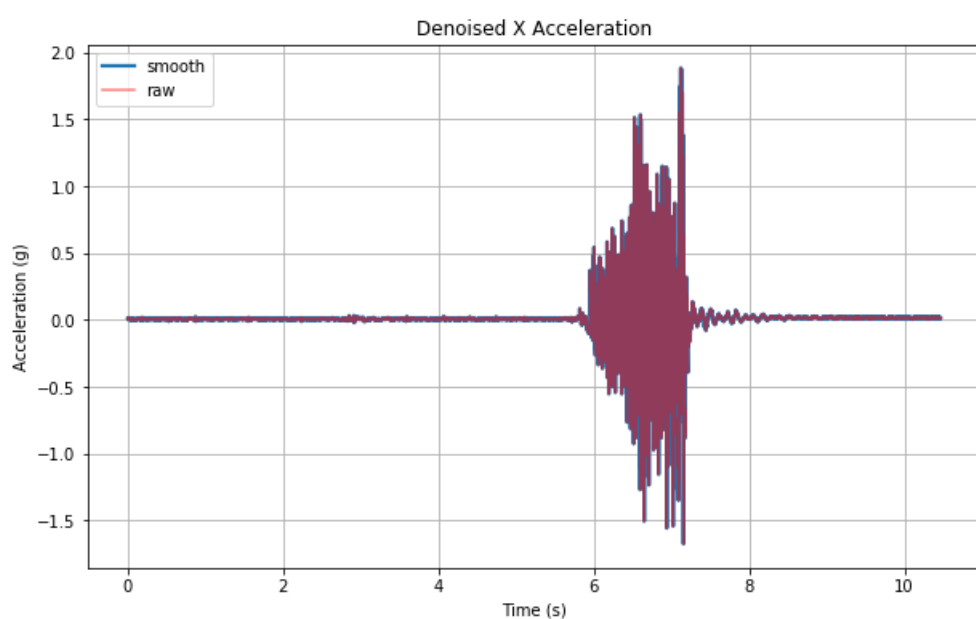
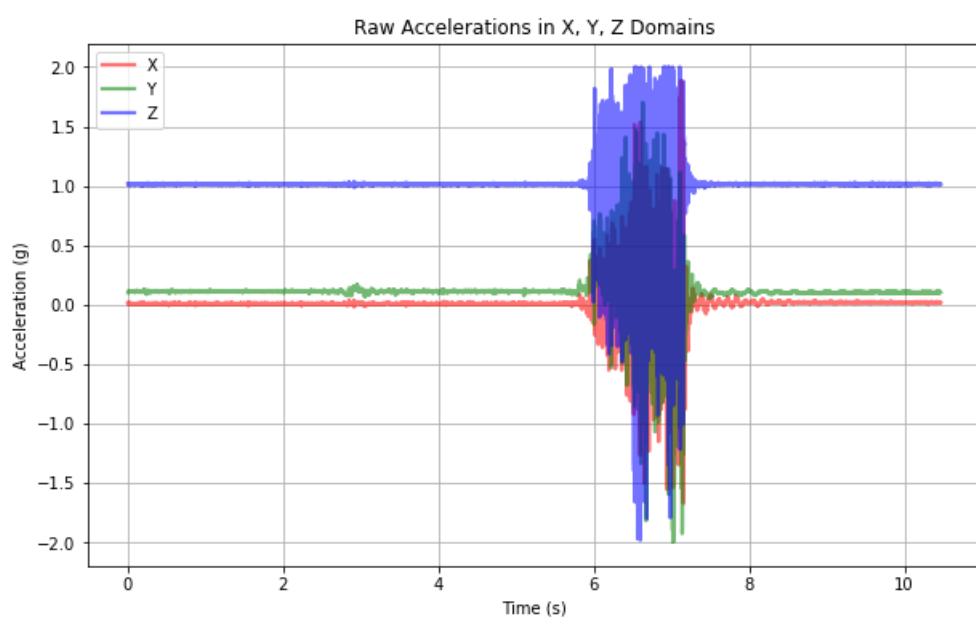
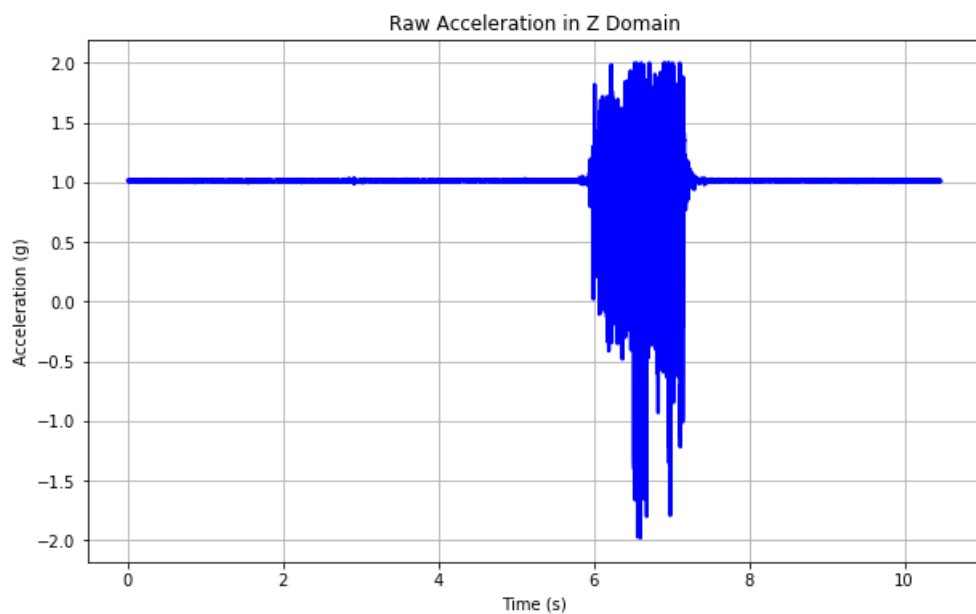
IPython 6.5.0 -- An enhanced Interactive Python.

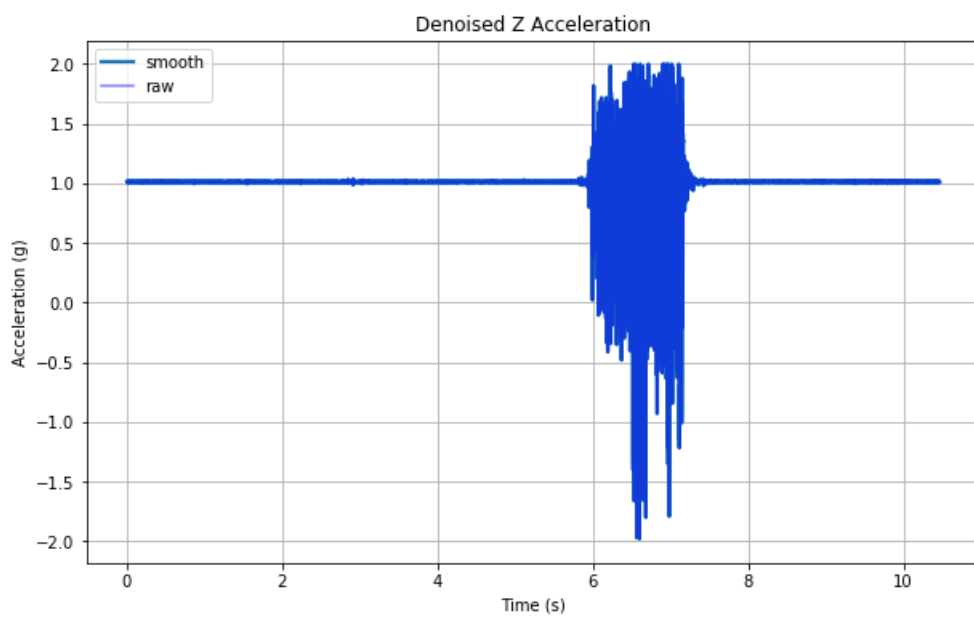
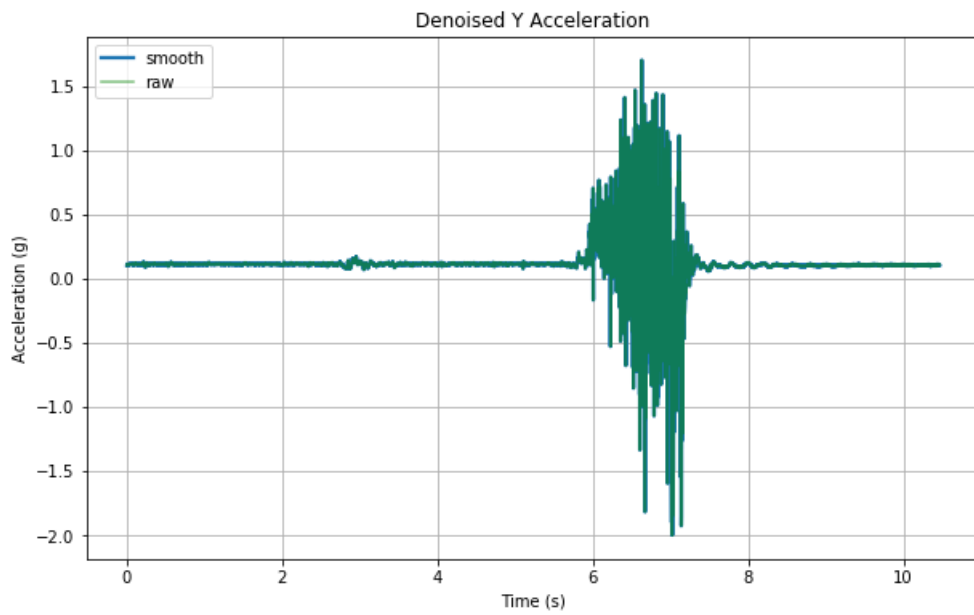
Restarting kernel...

```
runfile('C:/Users/Andre/Desktop/Senior Design/Feb 7 2019 Data/Acceleration Algorithm [4.0].py', wdir='C:/Users/Andre/Desktop/Senior Design/Feb 7 2019 Data')
C:\Users\Andre\Anaconda3\lib\site-packages\ipykernel\parentpoller.py:116: UserWarning: Parent poll failed. If the frontend dies,
the kernel may be left running. Please let us know
about your system (bitness, Python, etc.) at
ipython-dev@scipy.org
ipython-dev@scipy.org"""
```

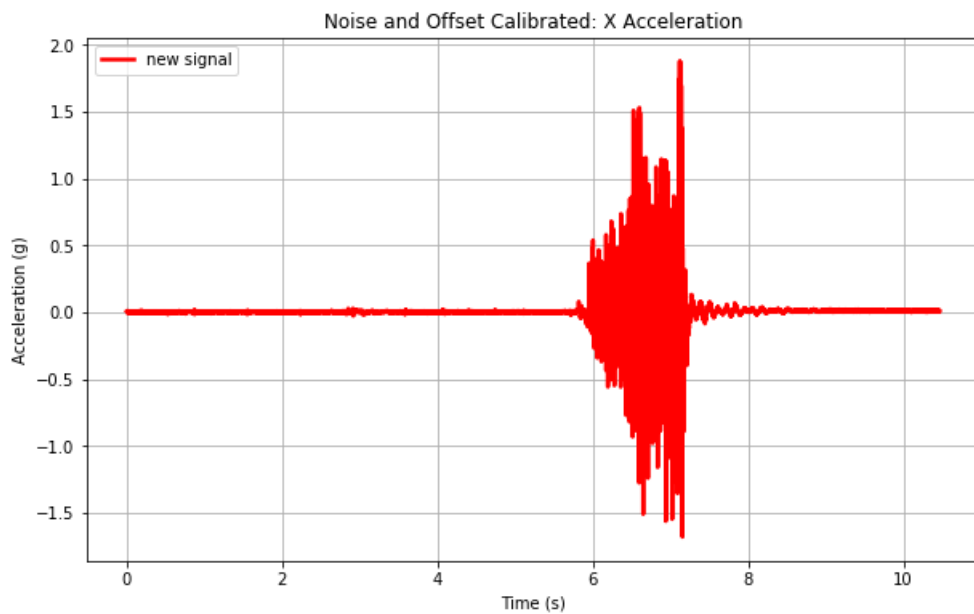
\*\*\* FILE METRICS \*\*\*  
Semester 2 +Y Test3 50g mass 40g cart 800Hz Feb 7 2019.csv is being analyzed  
Data Size: 0.52 MB  
Samples: 8343  
Time elapsed: 10.465 s



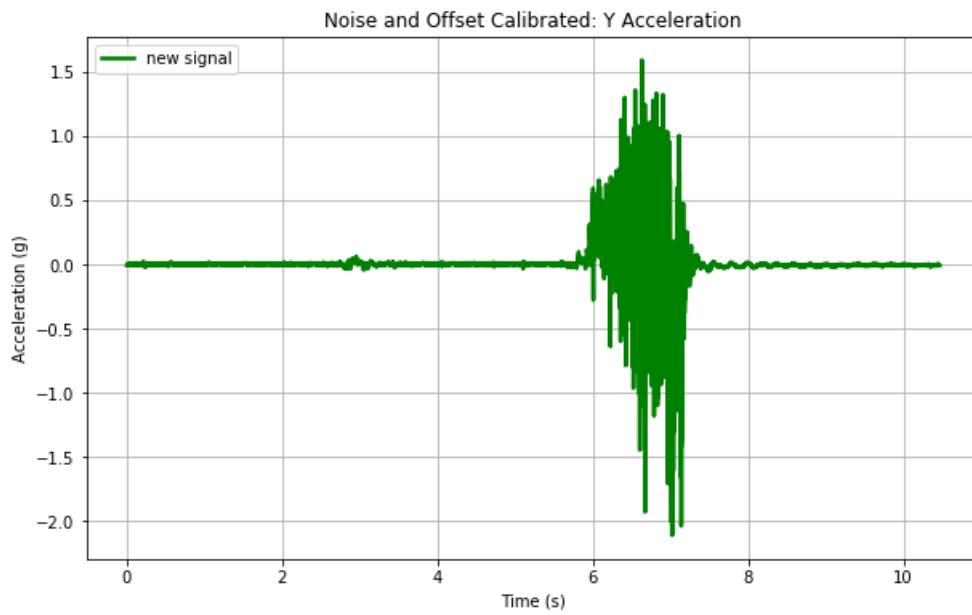




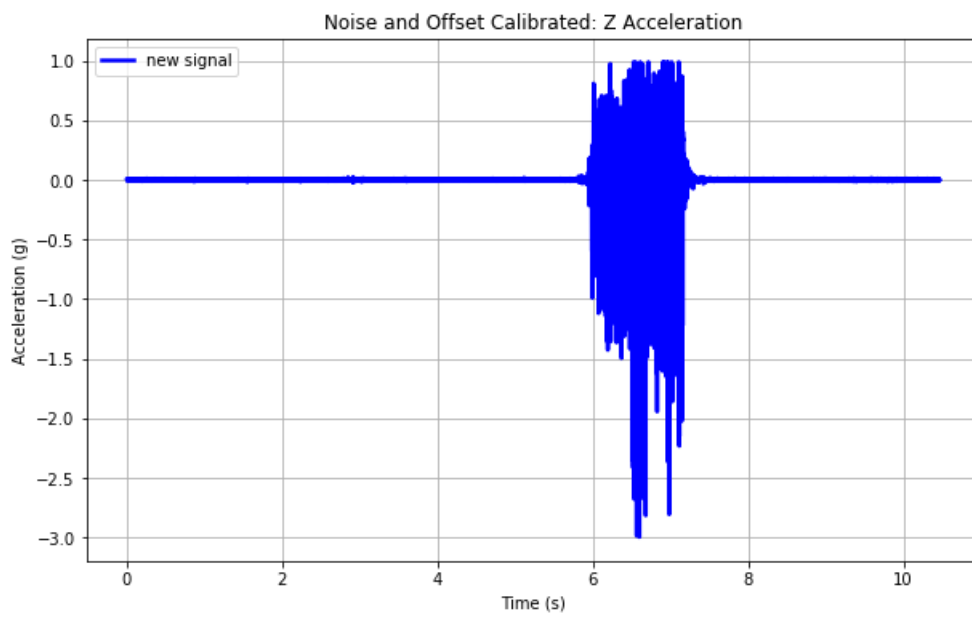
Offset first 200 samples X: %.4f 0.00679  
Offset first 200 samples Y: %.4f 0.109215  
Offset first 200 samples Z: %.4f -0.011505



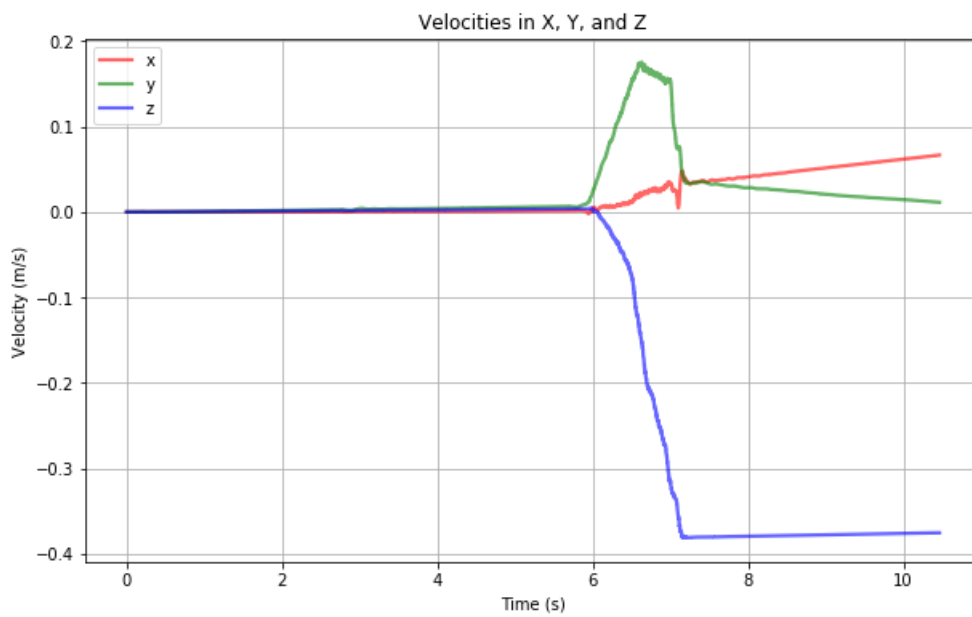
Updated Offset first 200 samples: -0.00061



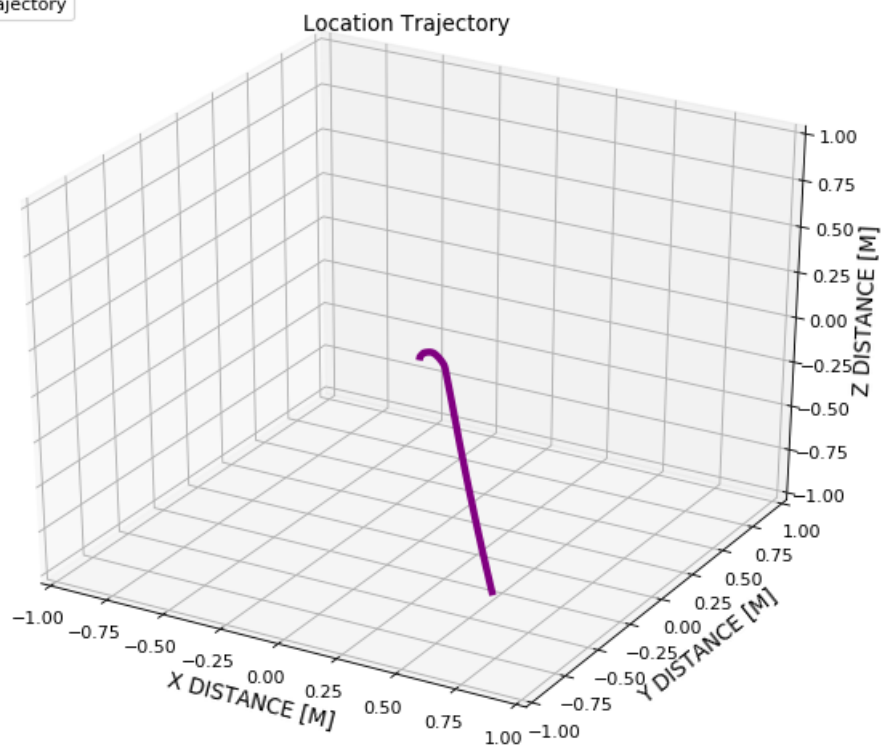
Updated Offset first 200 samples: 0.000965



Updated Offset first 200 samples: 0.000265



— Trajectory



In [1]:

In [2]: