

Python 3.7.0 (default, Jun 28 2018, 08:04:48) [MSC v.1912 64 bit (AMD64)]
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IPython 6.5.0 -- An enhanced Interactive Python.

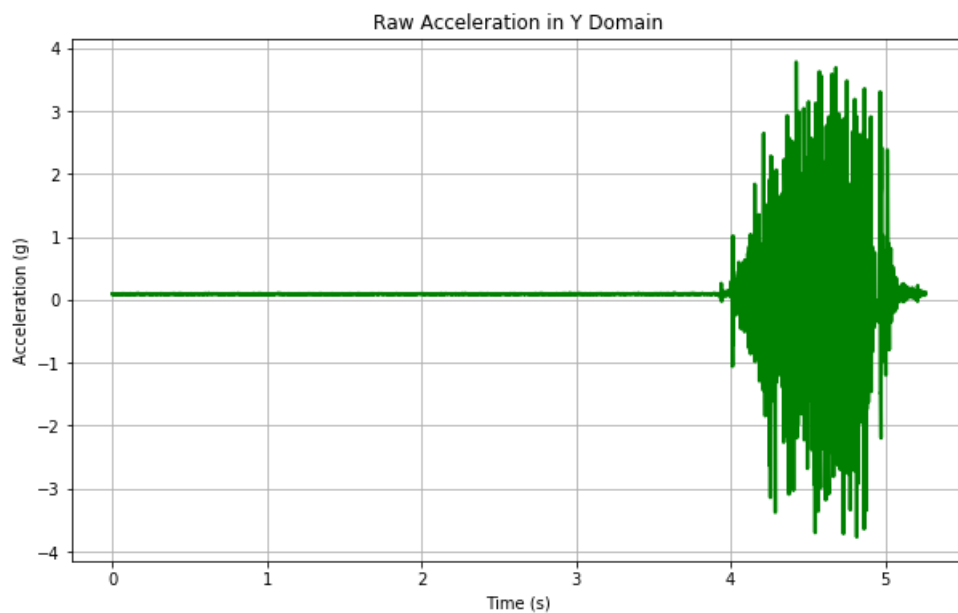
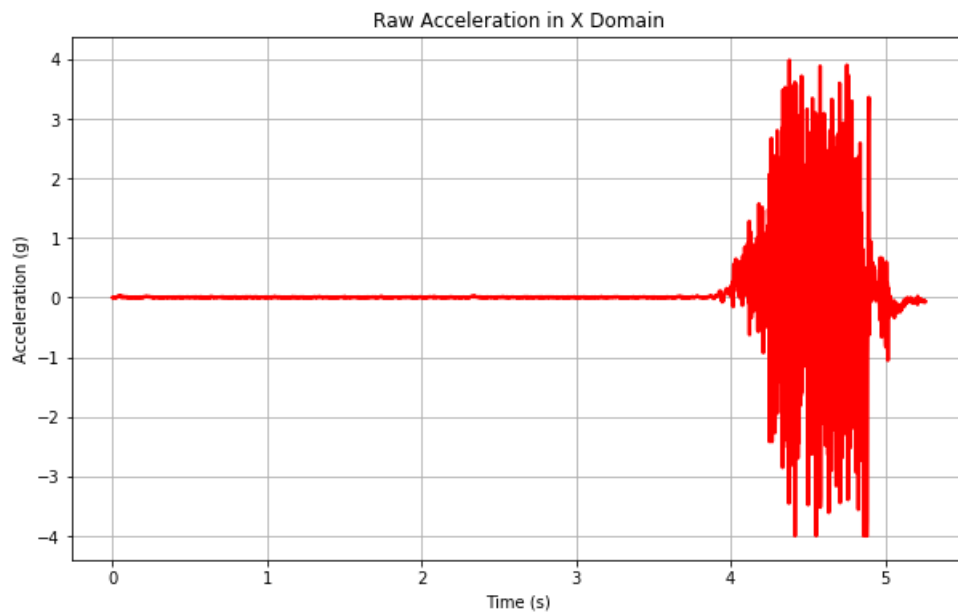
Restarting kernel...

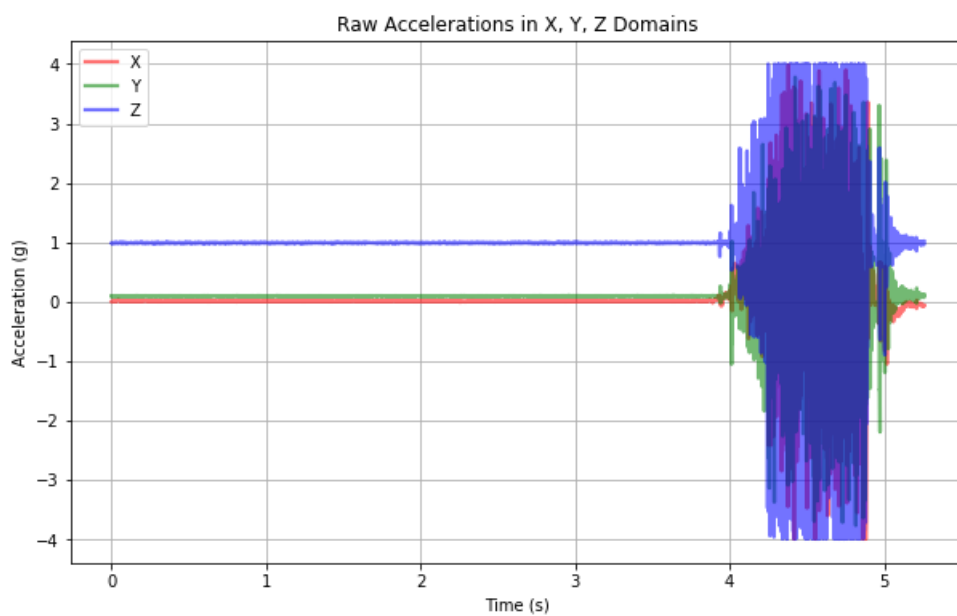
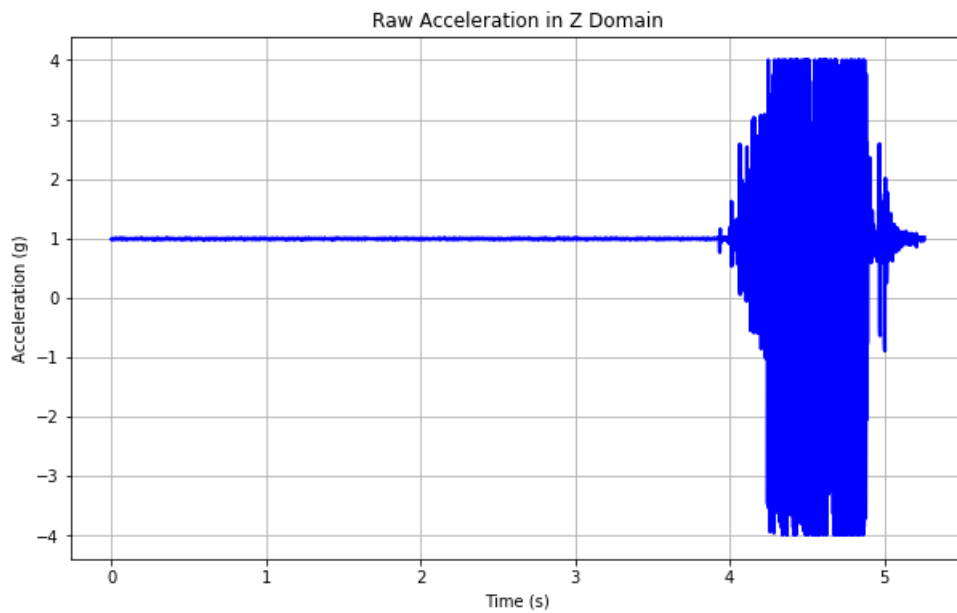
C:\Users\Andre\Anaconda3\lib\site-packages\ipykernel\parentpoller.py:116: UserWarning: Parent poll failed. If the frontend dies, the kernel may be left running. Please let us know about your system (bitness, Python, etc.) at ipython-dev@scipy.org
ipython-dev@scipy.org")

In [1]: runfile('C:/Users/Andre/Desktop/Senior Design/Acceleration Algorithm [3.0].py', wdir='C:/Users/Andre/Desktop/Senior Design')
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 ***

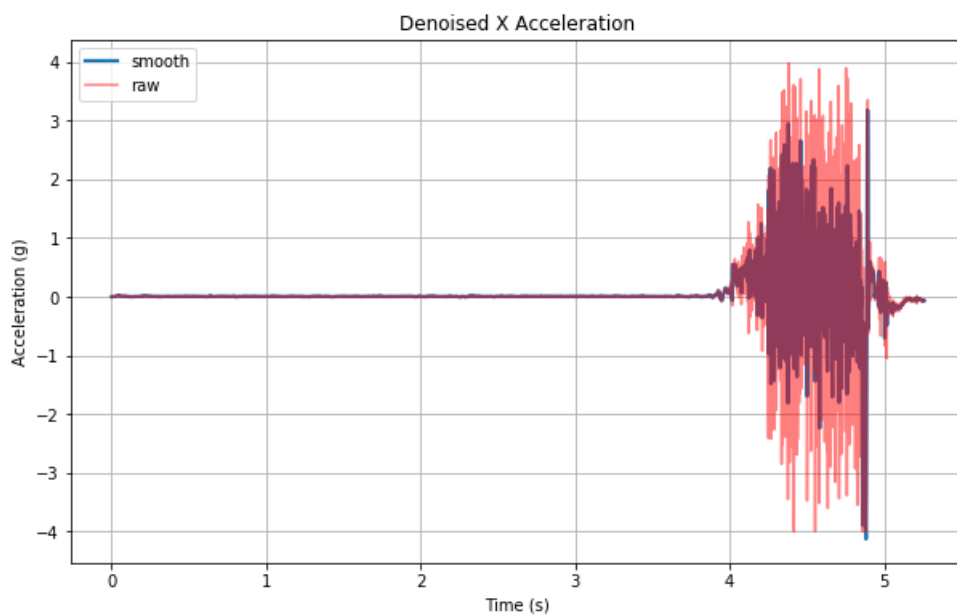
Semester 2 +X CHOPPED Test2 800Hz +- 4Gs Jan 29 2019.csv is being analyzed
Data Size: 0.25 MB
Samples: 4200
Time elapsed: 5.2589999999999995 s

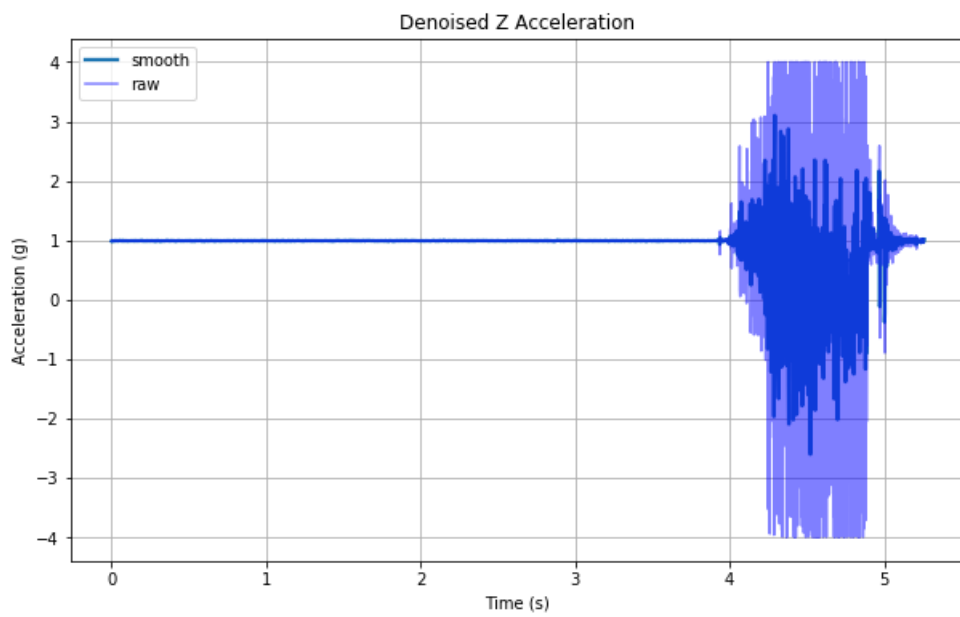
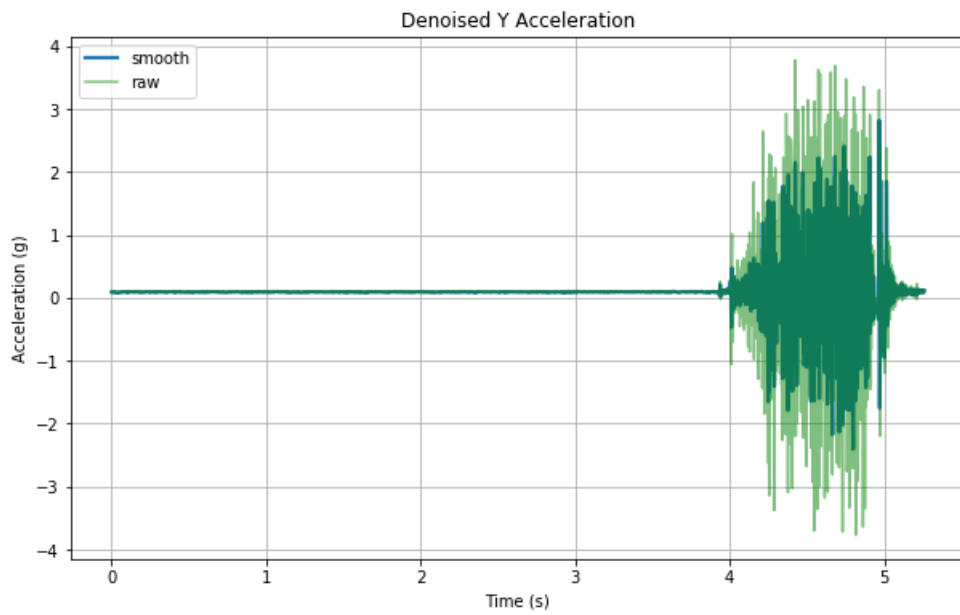




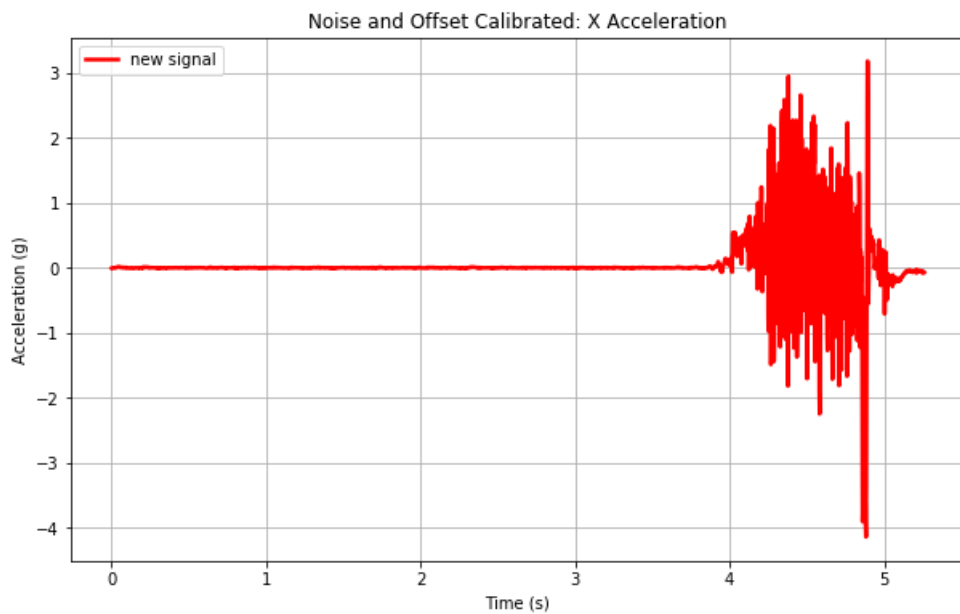
C:\Users\Andre\Anaconda3\lib\site-packages\scipy\signal_arraytools.py:45: FutureWarning: Using a non-tuple sequence for multidimensional indexing is deprecated; use 'arr[tuple(seq)]' instead of 'arr[seq]'. In the future this will be interpreted as an array index, 'arr[np.array(seq)]', which will result either in an error or a different result.

```
b = a[a_slice]
```

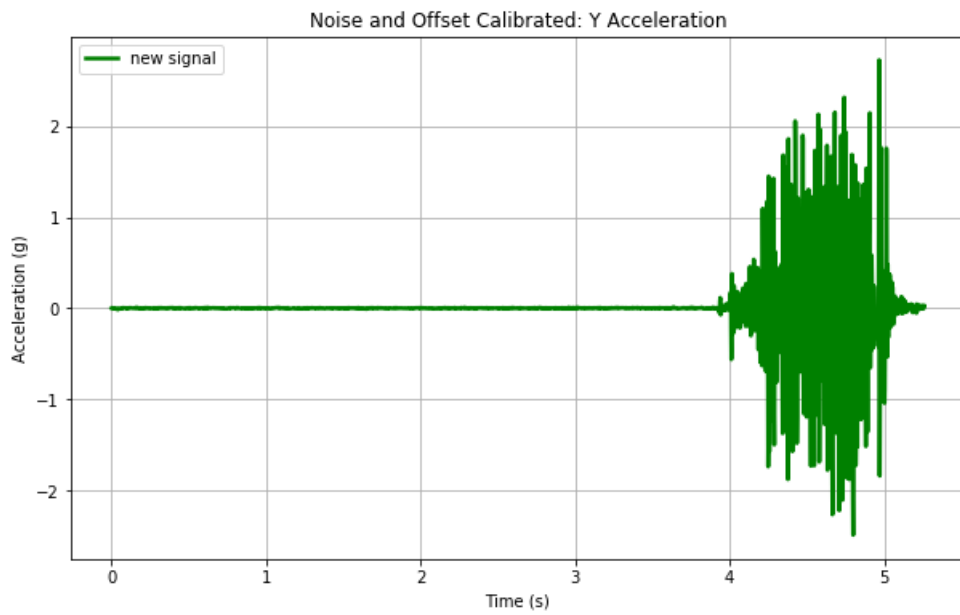




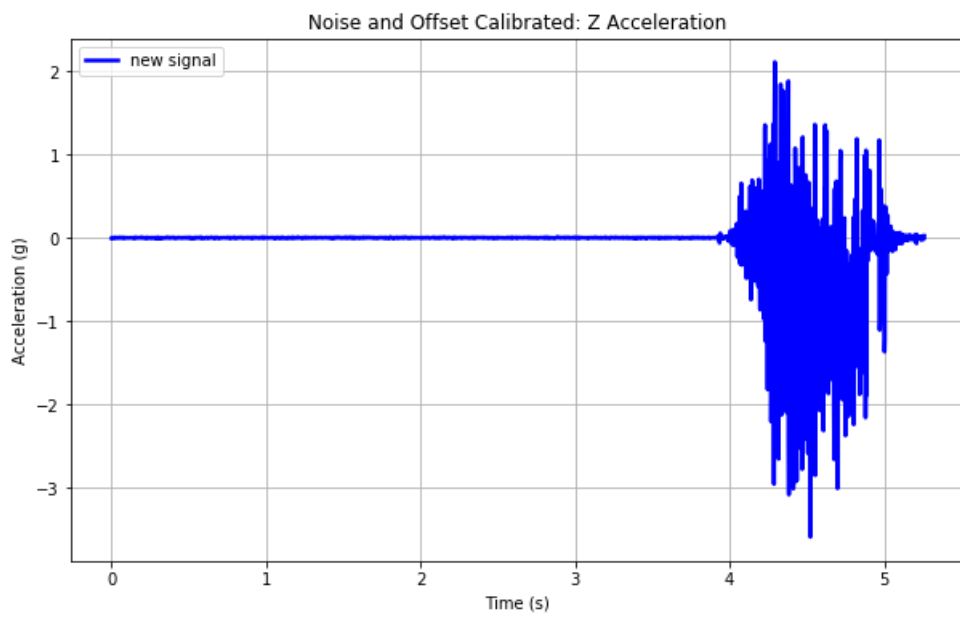
Offset first 200 samples X: %.4f 0.006982445721537705
 Offset first 200 samples Y: %.4f 0.09001941035652267
 Offset first 200 samples Z: %.4f 0.010457972146158179



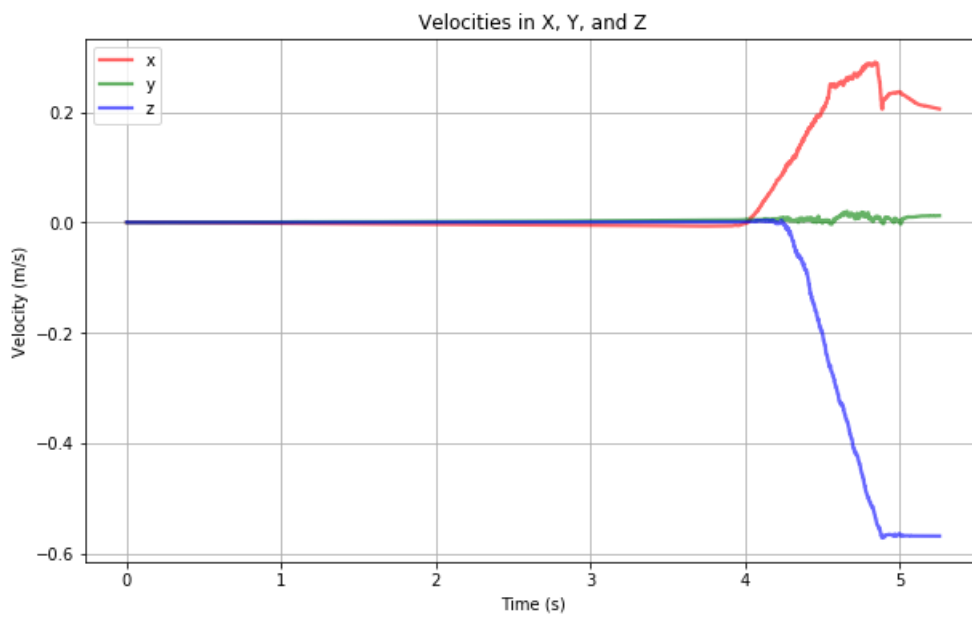
Updated Offset first 200 samples: -1.3183898417423734e-18



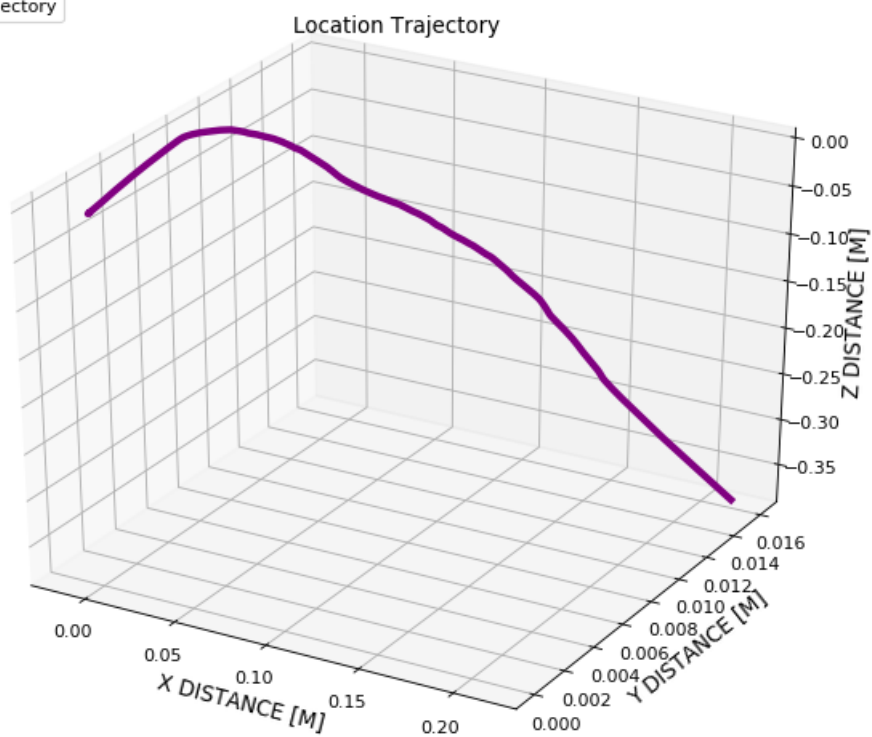
Updated Offset first 200 samples: $1.249000902703301e-18$



Updated Offset first 200 samples: $8.104628079763643e-17$



— Trajectory



In [2]: