Python 3.7.1 (default, Dec 10 2018, 22:54:23) [MSC v.1915 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.
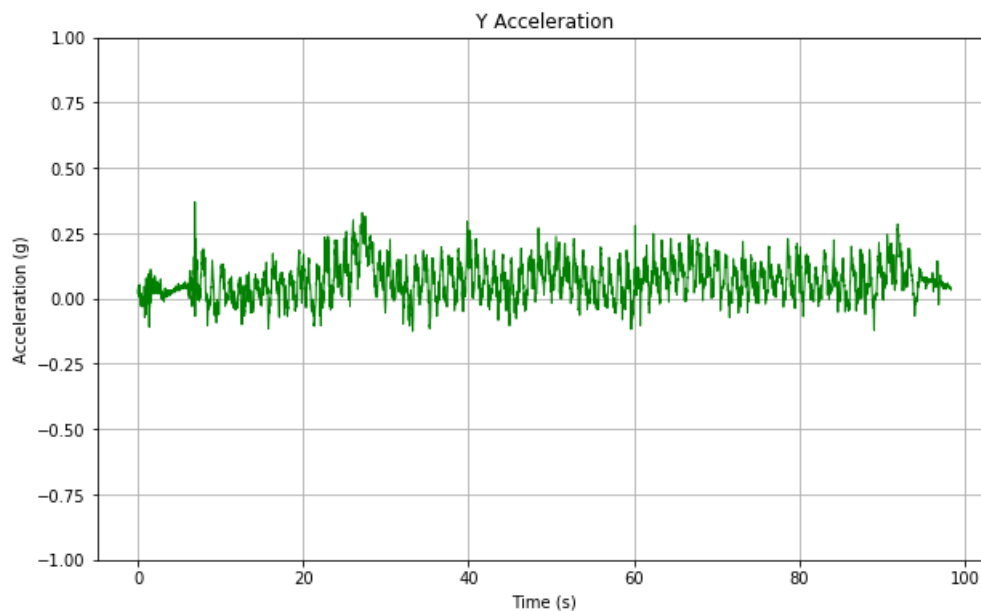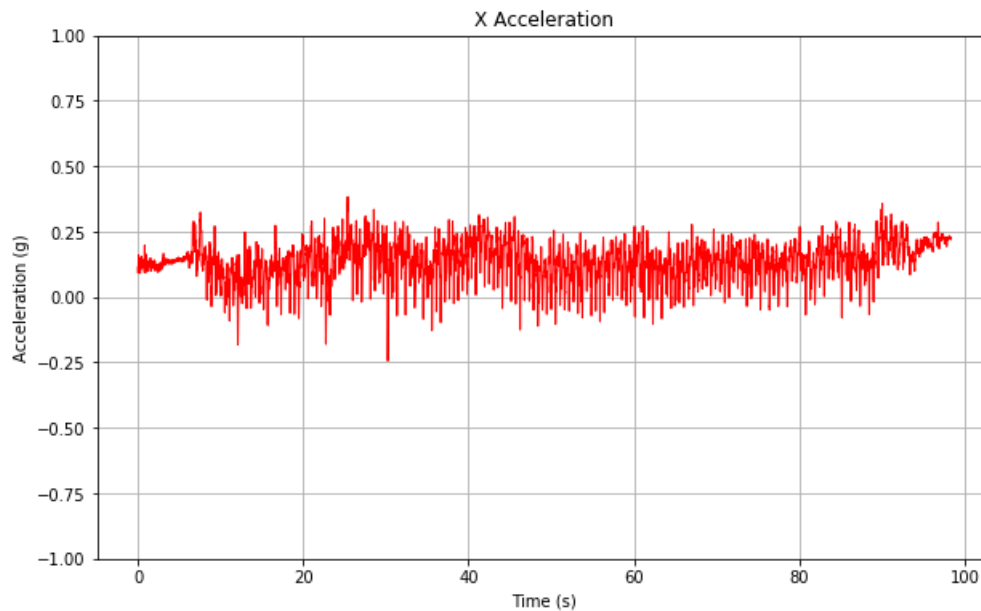
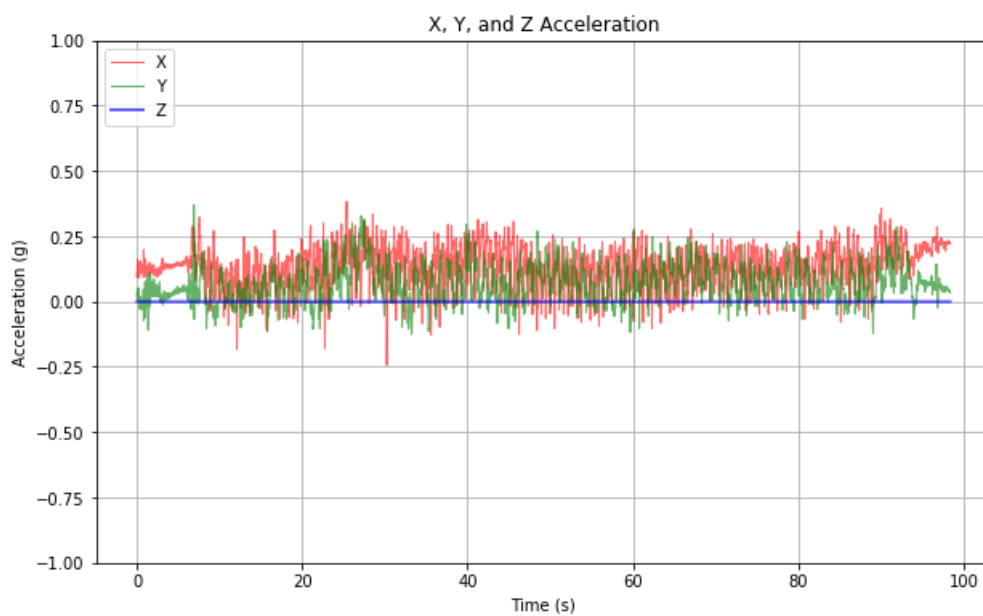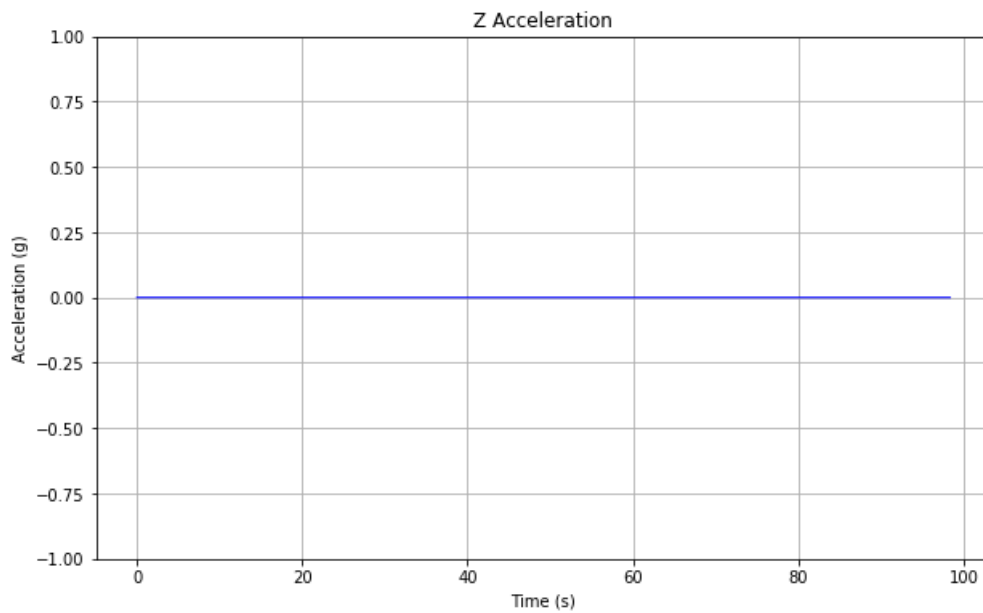IPython 7.2.0 -- An enhanced Interactive Python.

Restarting kernel...

In [1]: runfile('C:/Users/Andre/Desktop/April 1 2019 Data/Algorithm [7.0].py', wdir='C:/Users/Andre/Desktop/April 1 2019 Data')
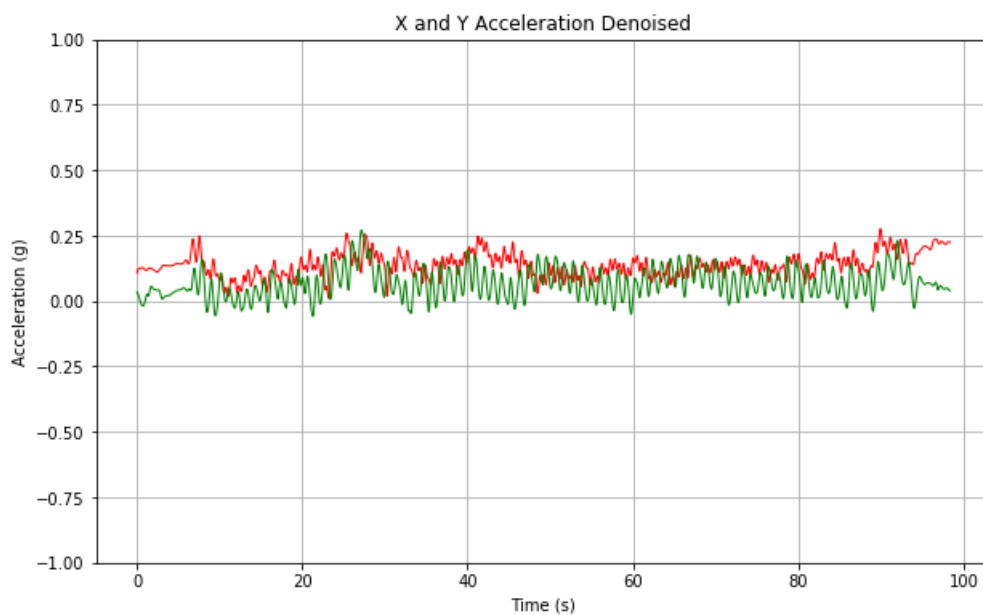
 *** FILE METRICS ***
Palmwalksouth3.csv is being analyzed
File size: 0.63 MB
Samples: 9836
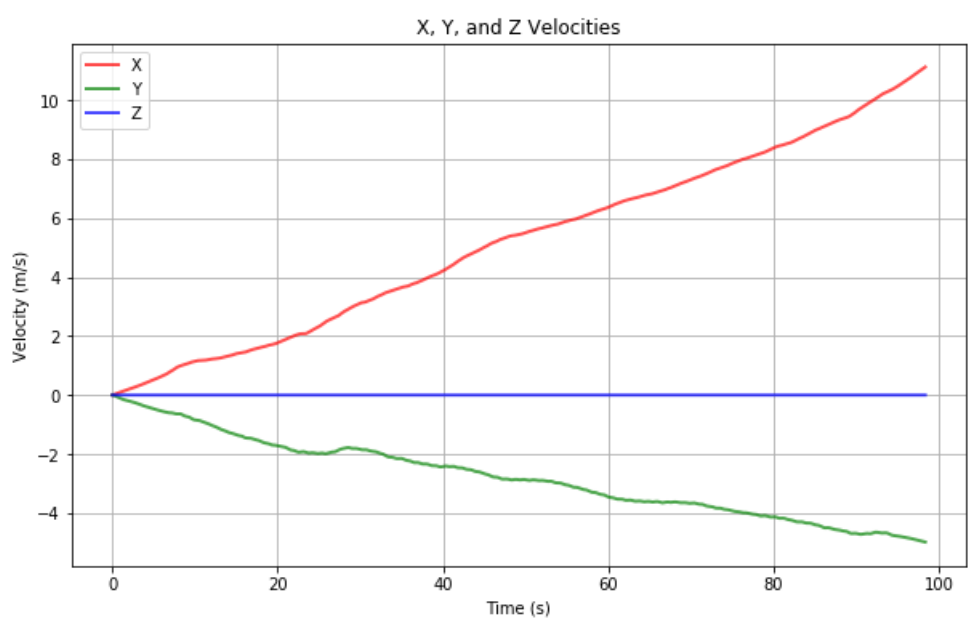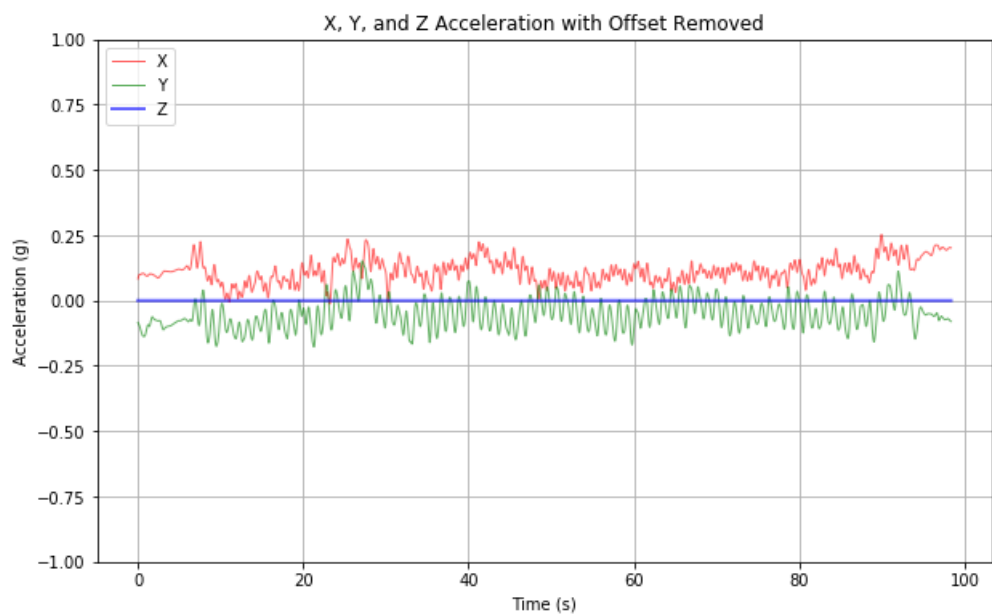Time elapsed: 98.374 s

Z Acceleration

X, Y, and Z Acceleration

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.
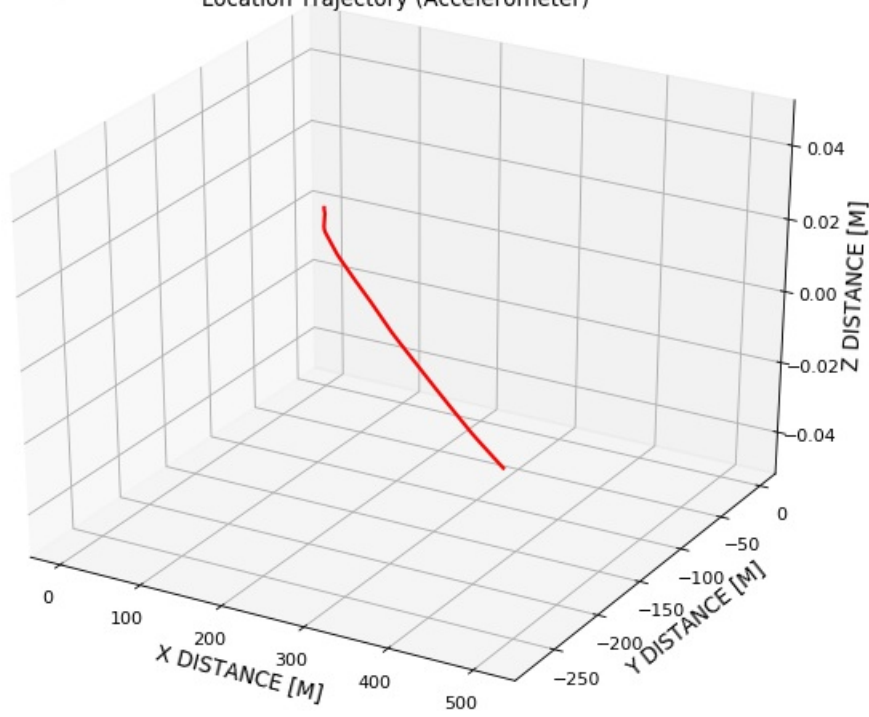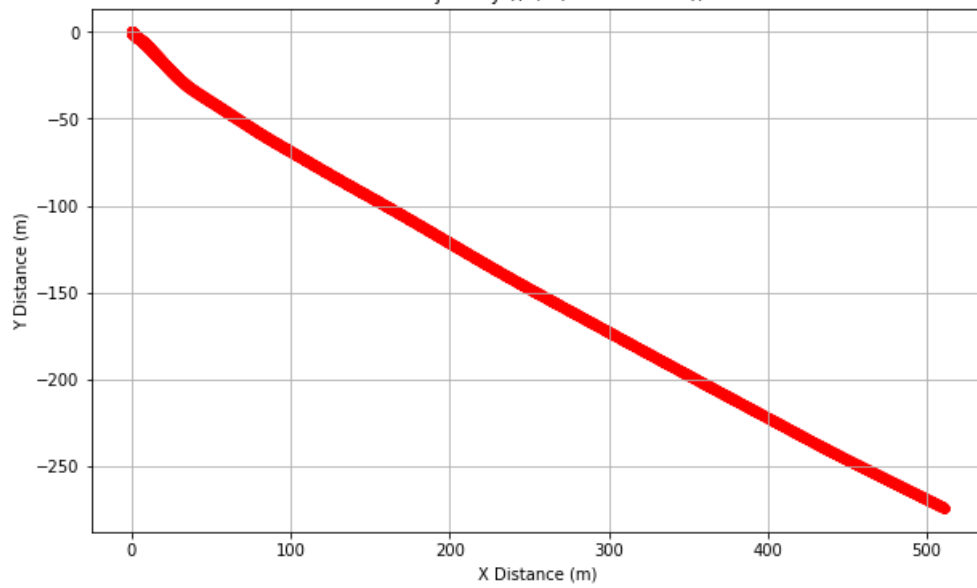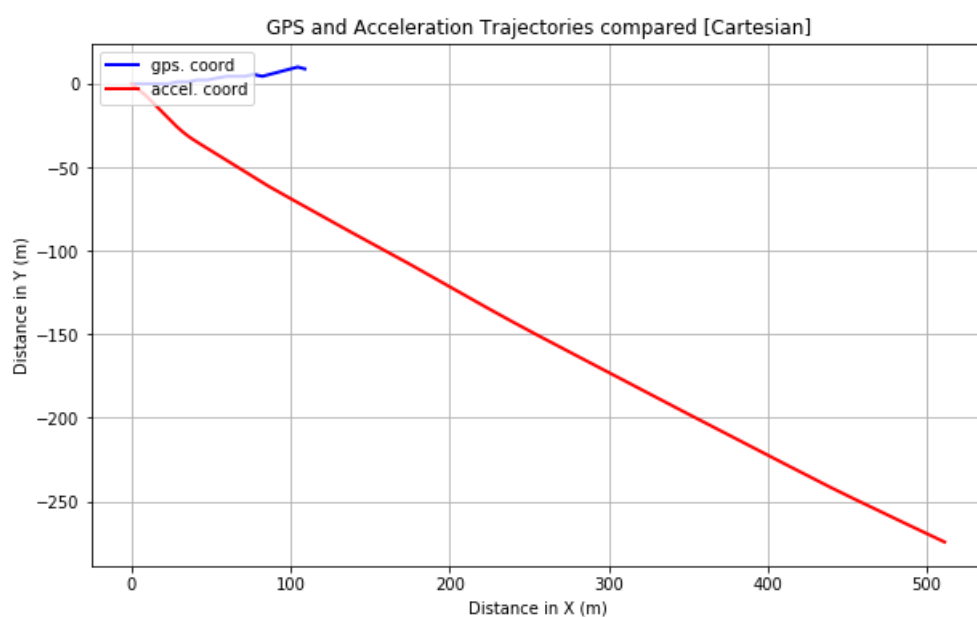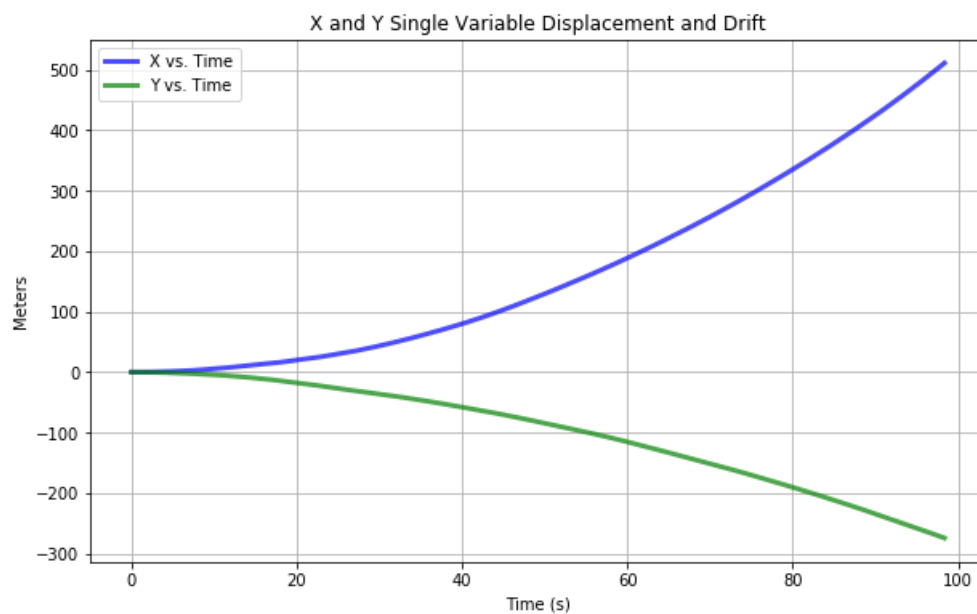 b = a[a_slice]

X and Y Acceleration Denoised

X, Y, and Z Acceleration with Offset Removed

X, Y, and Z Velocities

Location Trajectory (Accelerometer)

2D Trajectory ((X, Y) Coordinates))

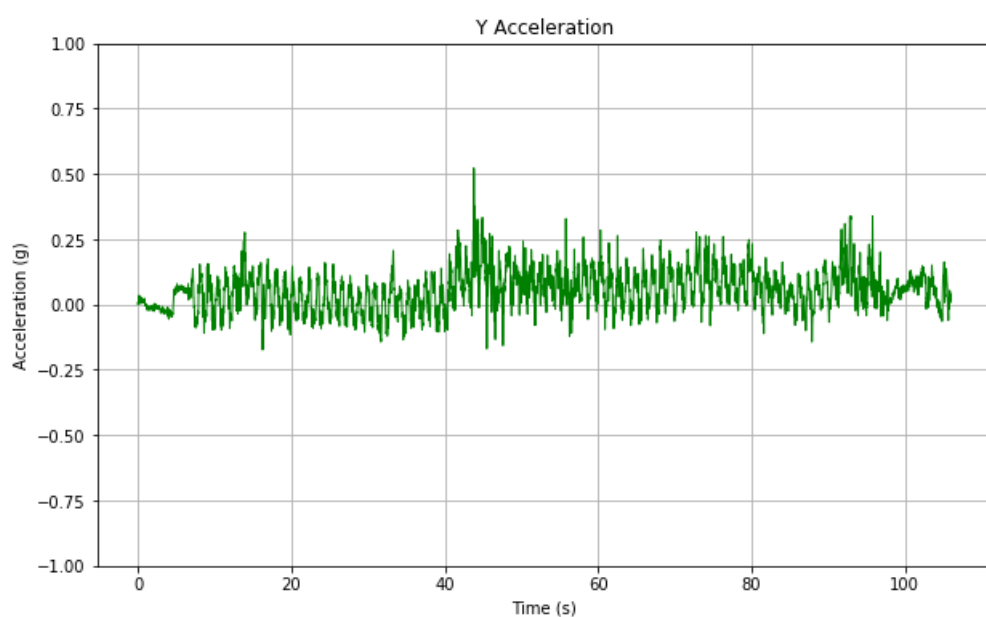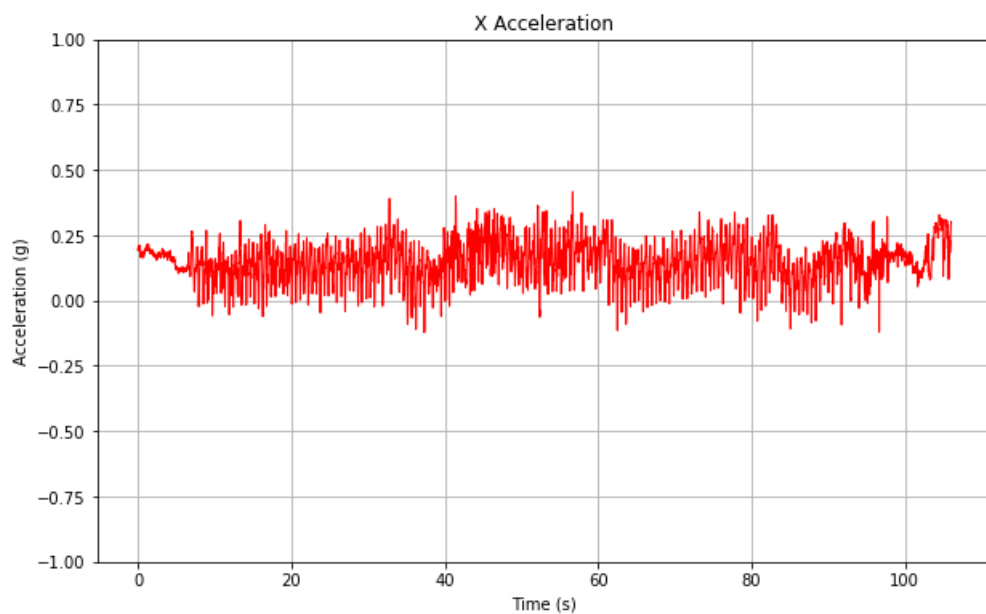X and Y Single Variable Displacement and Drift
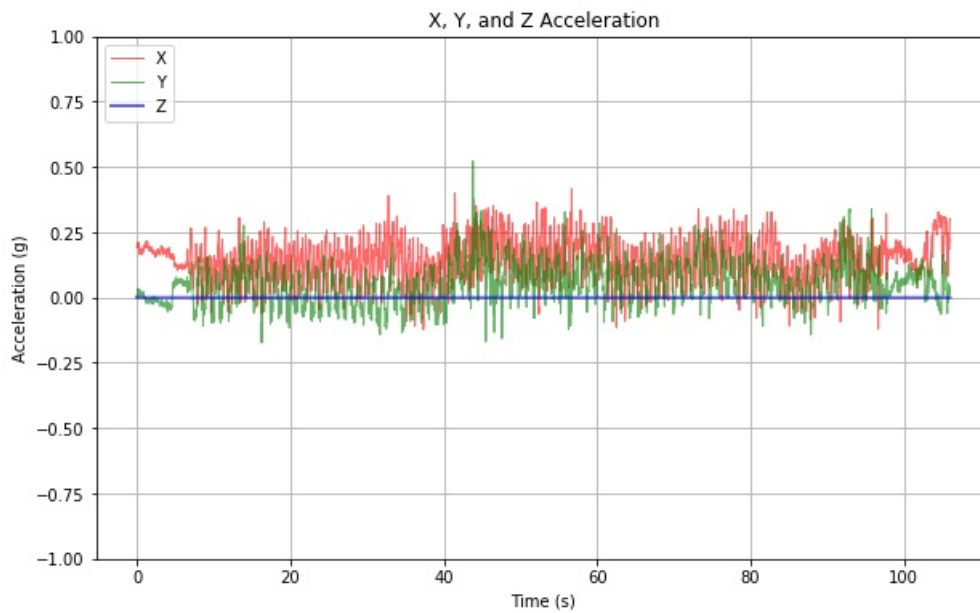

GPS and Acceleration Trajectories compared [Cartesian]

In [2]: runfile('C:/Users/Andre/Desktop/April 1 2019 Data/Algorithm [7.0].py', wdir='C:/Users/Andre/Desktop/April 1 2019 Data')
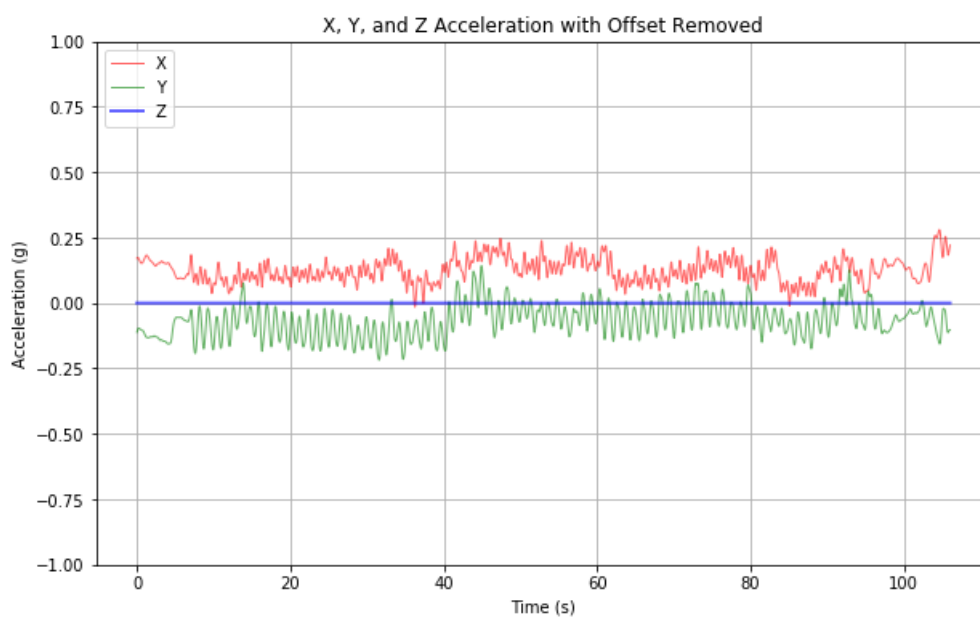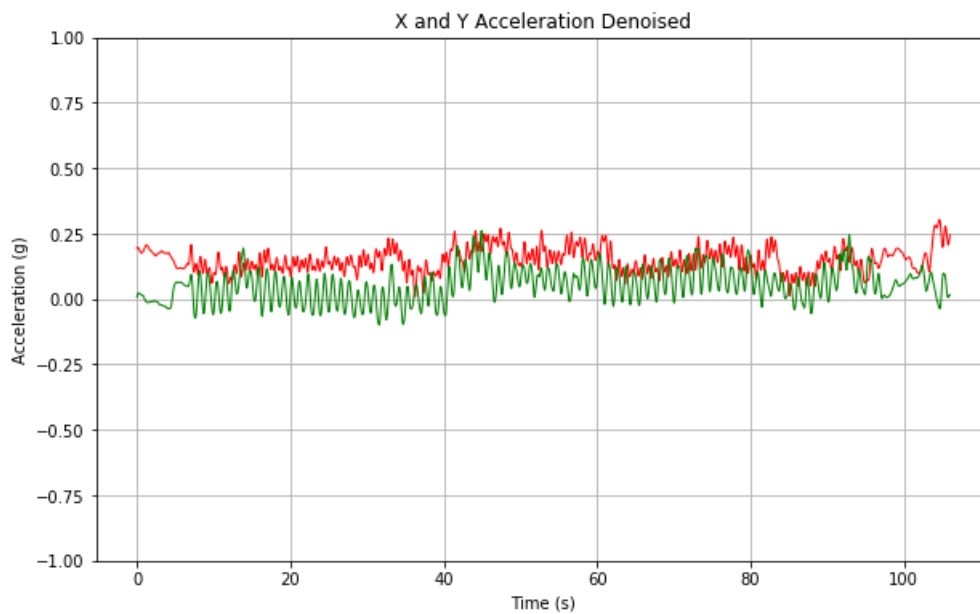
 *** FILE METRICS ***
Palmwalksouth4.csv is being analyzed
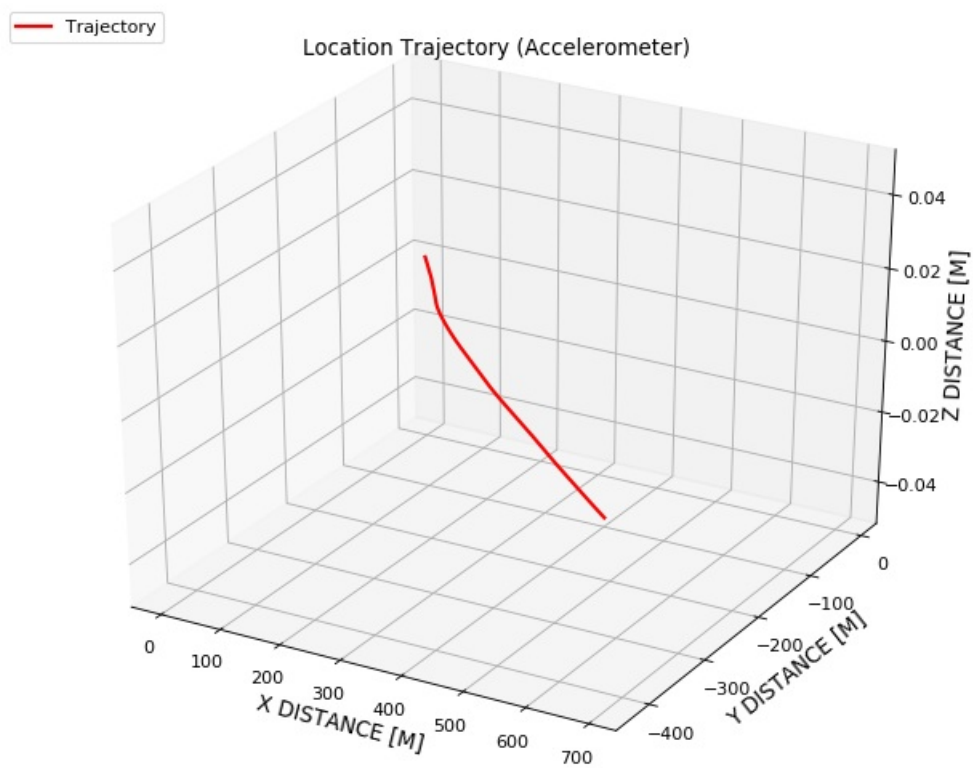File size: 0.68 MB
Samples: 10603
Time elapsed: 106.041 s

X Acceleration

Y Acceleration
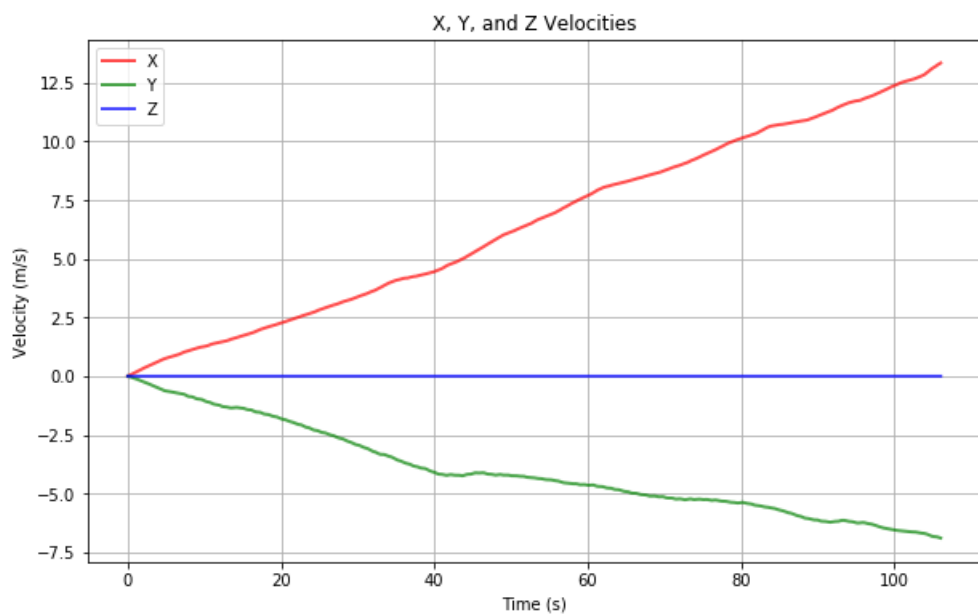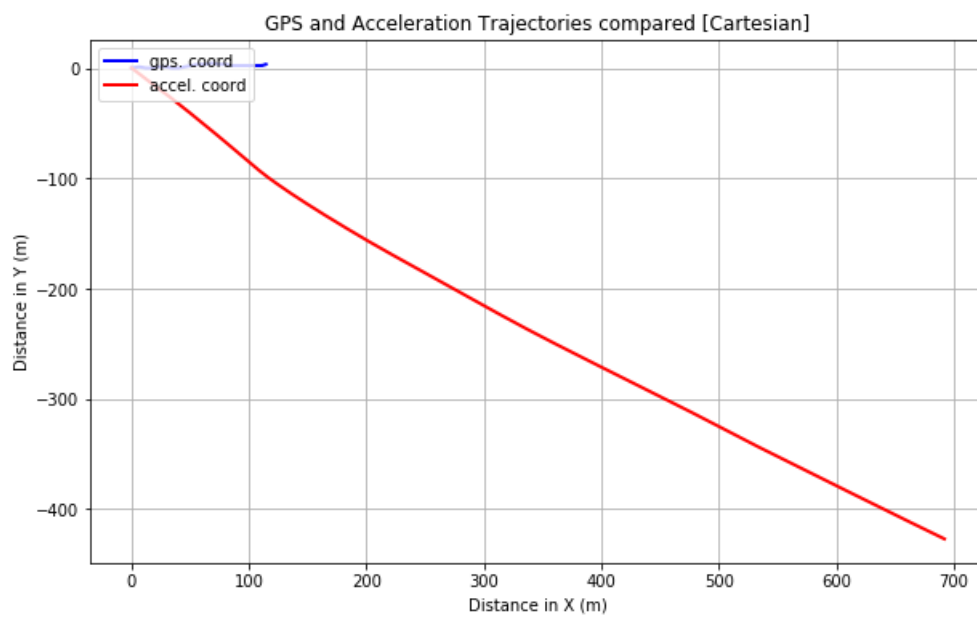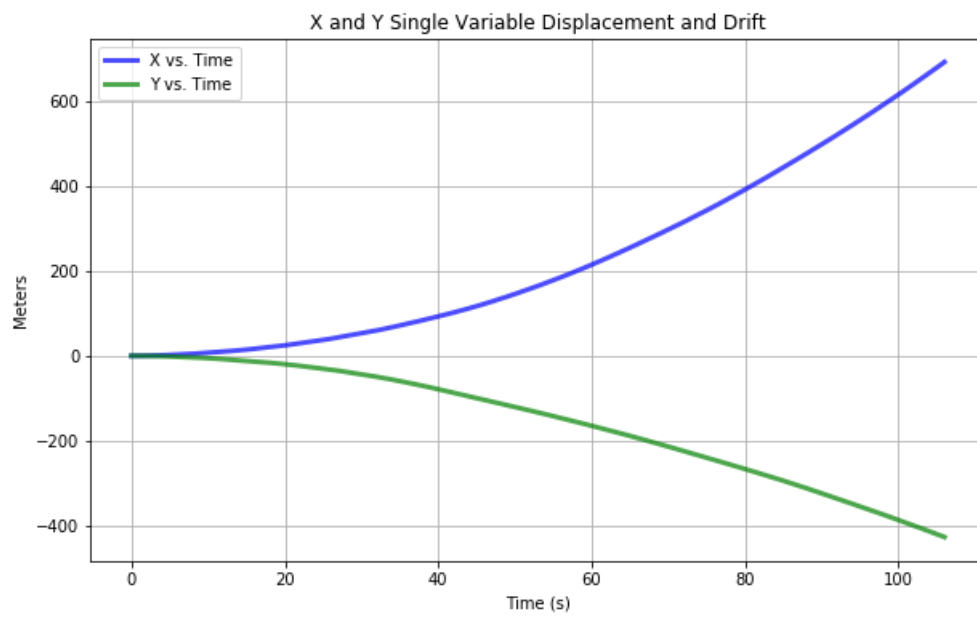
Z Acceleration

X, Y, and Z Acceleration

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]

X and Y Acceleration Denoised

X, Y, and Z Acceleration with Offset Removed

X, Y, and Z Velocities

Location Trajectory (Accelerometer)

2D Trajectory ((X, Y) Coordinates))

X and Y Single Variable Displacement and Drift

GPS and Acceleration Trajectories compared [Cartesian]

In [**3**]: