# Multidimensional sensing techniques

## Assignment 1 – Step counter

Link to my GitHub:

### What I did

I started this assignment by carefully read through the material, downloading the app and making sure that I had registered to ÅAU MATLAB. After that I had a discussion with Niki Norrman about the assignment. We did this first part together to set up everything for the assignment. We started playing with the MATLAB app and recorded some walking. We noticed that it was directly uploaded to MATLAB drive so that was handy. After that we started to look through the python code and se if it runs. I have some troubles with my computer or more specifically with visual studio code so I could not get it running there. Then I tried Python IDLE but same issue. After that I remembered that I used Spyder during the summer and there everything works, so now I need to use Spyder apparently. When I had python up and running me and Niki started to look at how to extract the needed data from the MATLAB file. At first we didn’t remember that there was good instructions in the pdf-file, so we were a bit frustrated. Following the instructions from the pdf was easy and quite soon we had a csv-file in the form that we wanted.

We spent some time on trying to visualize the data in MATLAB and Excel, but that was a waste of time. We wanted to visualize the data to get an idea on how to start with the assignment. After that we started our work on the code itself separately.

### How I did it

### Why I did it this way

### My results

### How to improve the solution

* Your full name and student number at ÅA
* • A direct link to your source code on GitHub.
* • Each page of your submission should have a page nu