

MagicWand

Milestone 1 -Gruppe I

**Shubham Kharbanda,
Denise Schulte Eppendorf,
Lara Kassmann**

Milestone 1

- Follow getting started -done
- Import an example CSV file -done

Zaubersprüche: Expelliarmus, Abracadabra und Lumos

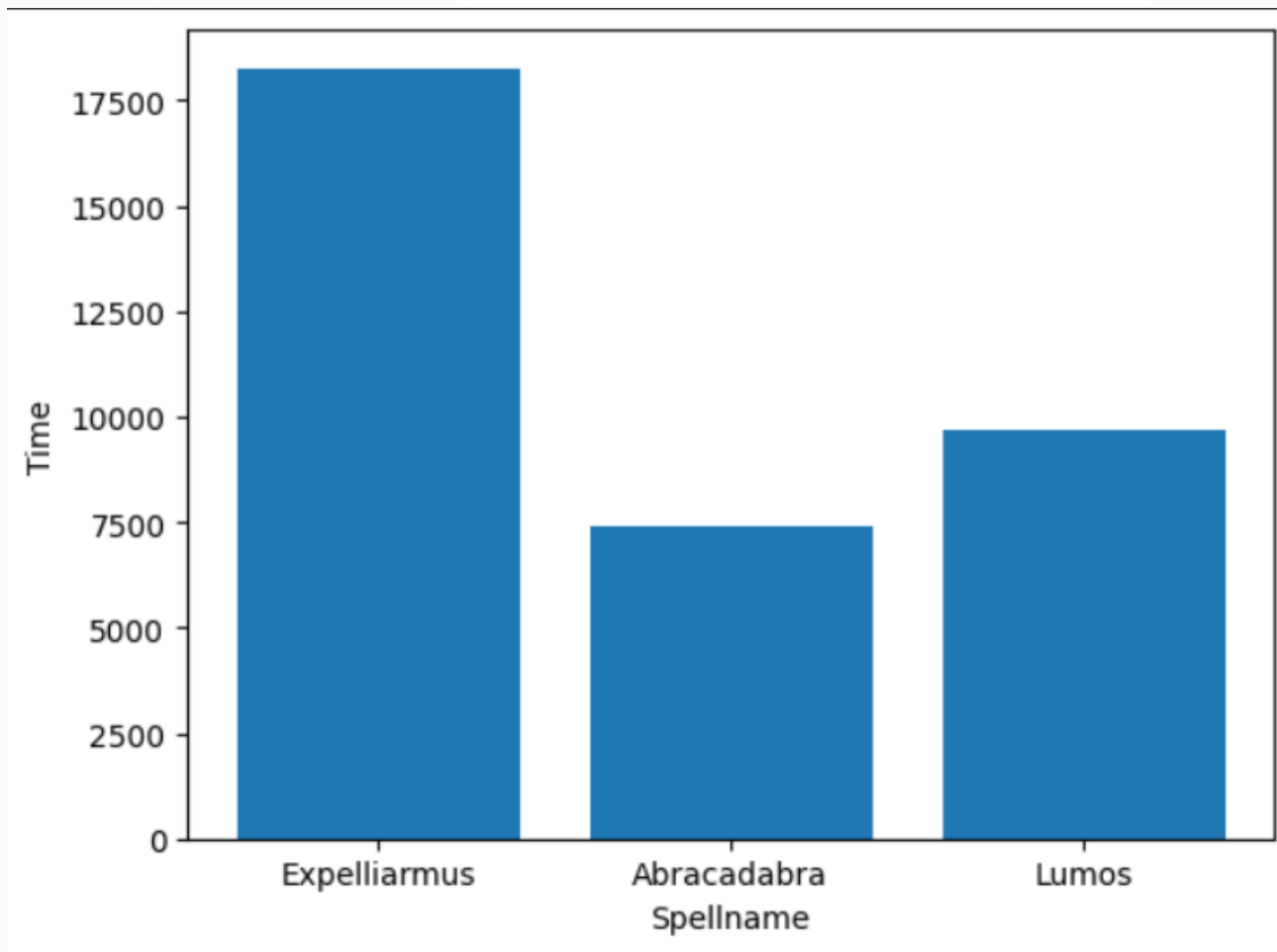
wizardName	spellName	accX	accY	accZ	gyroX	gyroY	gyroZ	time	
0	Wizard #1	Expelliarmus	3012.0	-7792.0	1200.0	-2512.0	8674.0	9256.0	0
1	Wizard #1	Expelliarmus	-4156.0	-12720.0	13552.0	-2480.0	-5092.0	-1757.0	102
2	Wizard #1	Expelliarmus	188.0	-16216.0	3456.0	-2448.0	-8499.0	10347.0	206
3	Wizard #1	Expelliarmus	-6180.0	-15484.0	1532.0	-2512.0	-1969.0	8553.0	309
4	Wizard #1	Expelliarmus	2572.0	-15332.0	5692.0	-2480.0	-3125.0	7440.0	413
...
173	Wizard #1	Expelliarmus	-5164.0	-4676.0	8372.0	-2480.0	-6601.0	-6319.0	17845
174	Wizard #1	Expelliarmus	-5660.0	-7072.0	7292.0	-2512.0	-2971.0	-16688.0	17949
175	Wizard #1	Expelliarmus	-12364.0	-11304.0	12784.0	-2512.0	-2002.0	-7911.0	18052
176	Wizard #1	Expelliarmus	-7680.0	-13408.0	10132.0	-2512.0	-1543.0	-5310.0	18156
177	Wizard #1	Expelliarmus	-9208.0	-13328.0	10612.0	-2496.0	-1576.0	-3915.0	18258
178 rows × 9 columns									

gyroX	gyroY	gyroZ	time
-2496.0	22.0	-1198.0	0
-2496.0	-497.0	-279.0	103
-2480.0	65.0	-1073.0	207
-2496.0	260.0	-907.0	309
-2464.0	685.0	-810.0	413
...
-2464.0	-3955.0	-2310.0	7014
-2464.0	1594.0	-1934.0	7118
-2480.0	1034.0	-1352.0	7221
-2480.0	1499.0	-346.0	7325
-2480.0	-865.0	104.0	7427

accZ	gyroX	gyroY	gyroZ	time
6.0	-2496.0	3783.0	10035.0	0
4.0	-2464.0	557.0	4428.0	104
8.0	-2432.0	-30463.0	-21.0	206
0.0	-2480.0	-32768.0	1916.0	310
8.0	-2448.0	-24619.0	13592.0	413
...
2.0	-2432.0	-364.0	-717.0	9288
8.0	-2480.0	109.0	-719.0	9390
4.0	-2464.0	-477.0	-321.0	9494
6.0	-2496.0	301.0	-712.0	9597
2.0	-2480.0	-299.0	-1112.0	9701

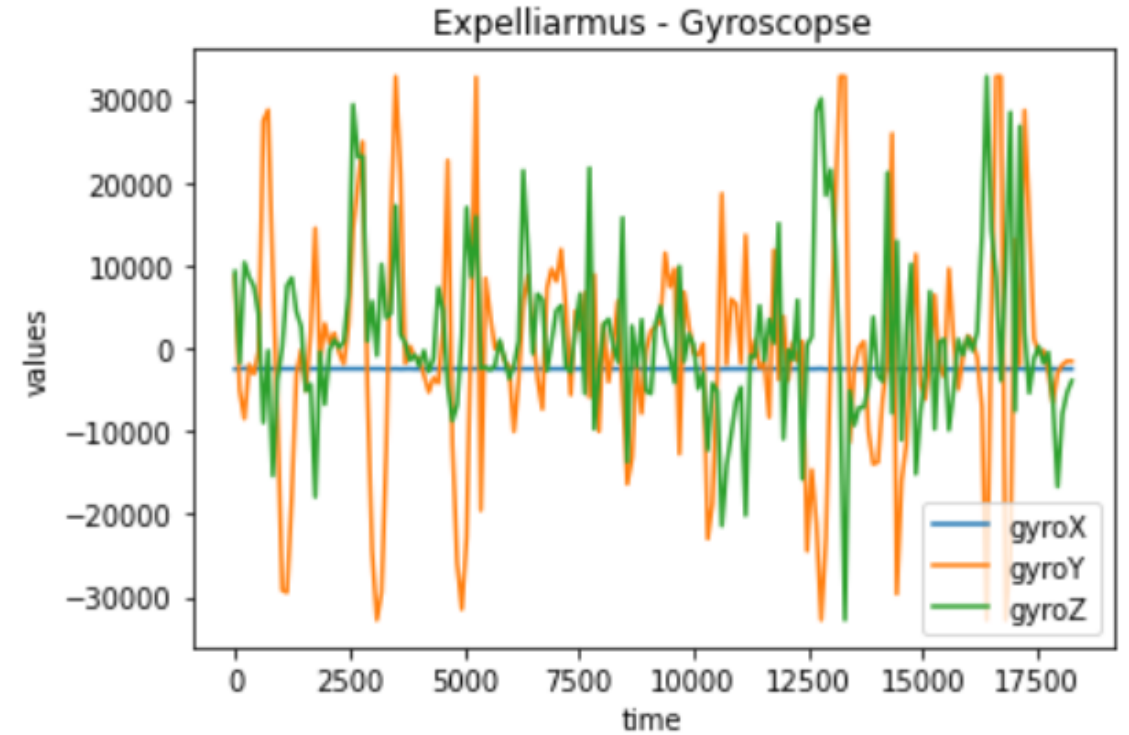
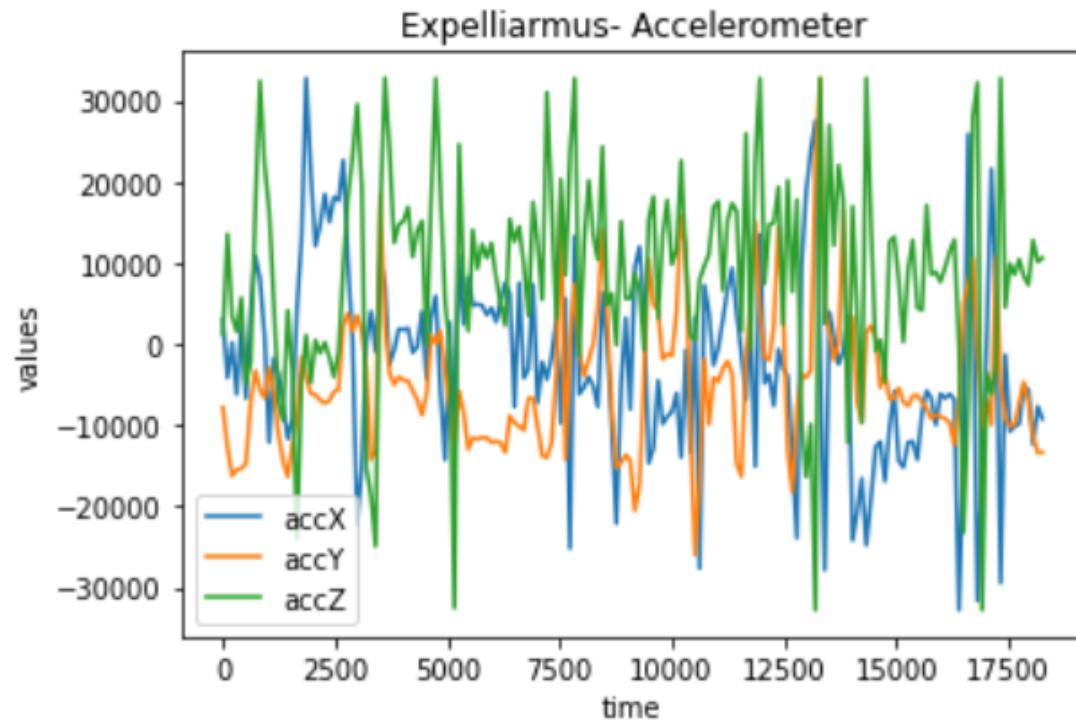
73 rows × 9 columns

95 rows × 9 columns



- Plot example File

2D Diagrams for Expelliarmus

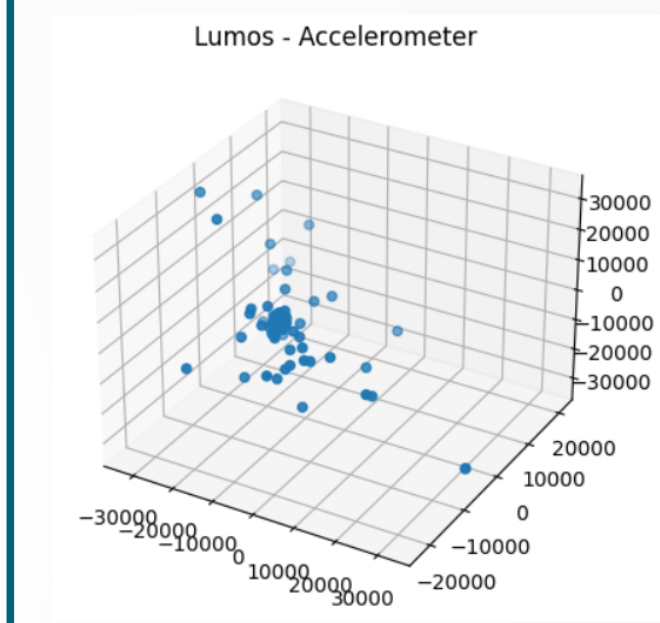
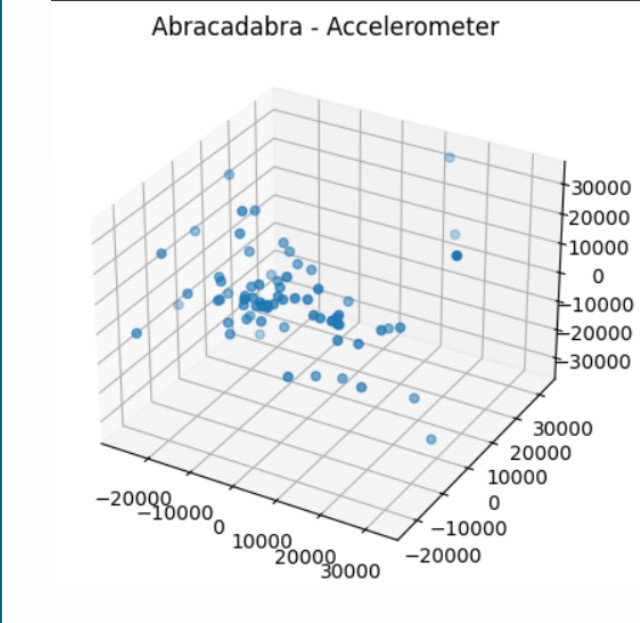
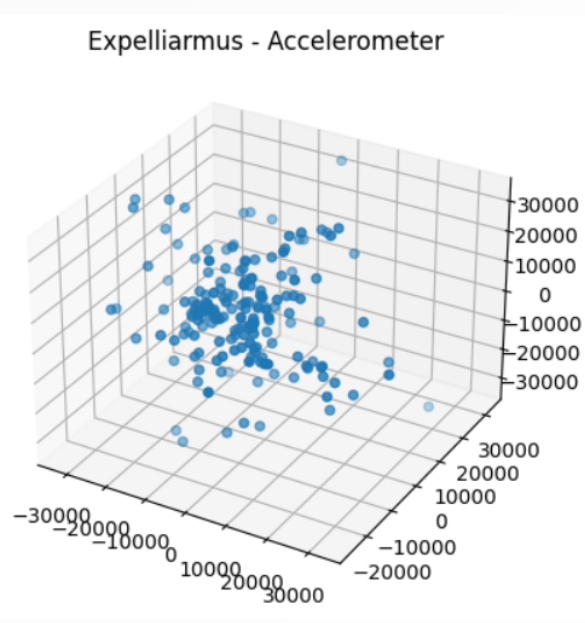


Expelliarmus

Abracadabra

Lumos

Accelerometer



Gyroscope

