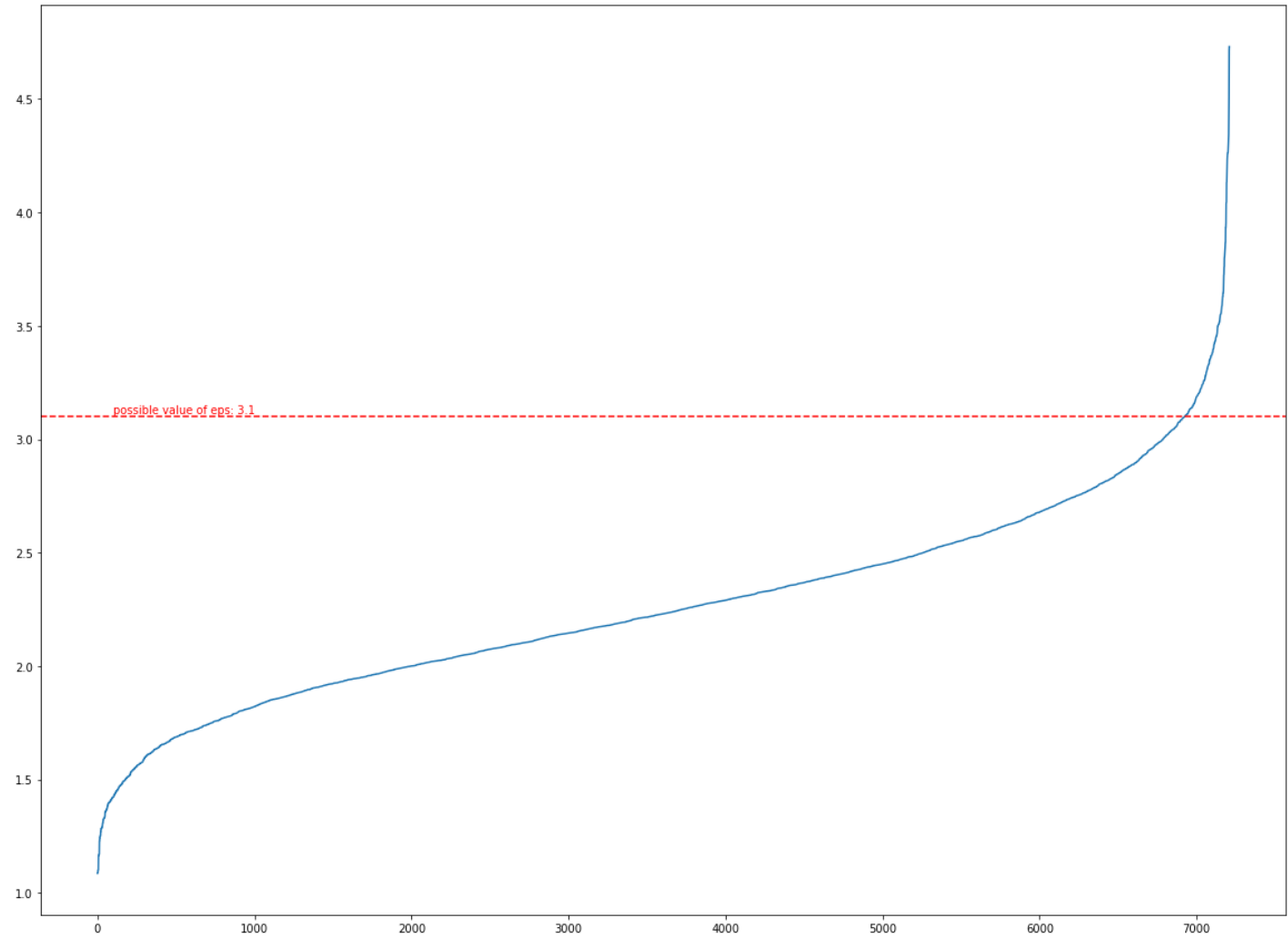


The background of the slide features a dark, reflective surface covered with numerous incandescent light bulbs. Most of the bulbs are unlit and appear as dark, matte objects. One bulb, positioned slightly to the right of the center, is turned on, emitting a bright, warm white light that creates a strong glow and a reflection on the surface below it. This glowing bulb is partially enclosed by a large, semi-transparent white circle that serves as a backdrop for the title text.

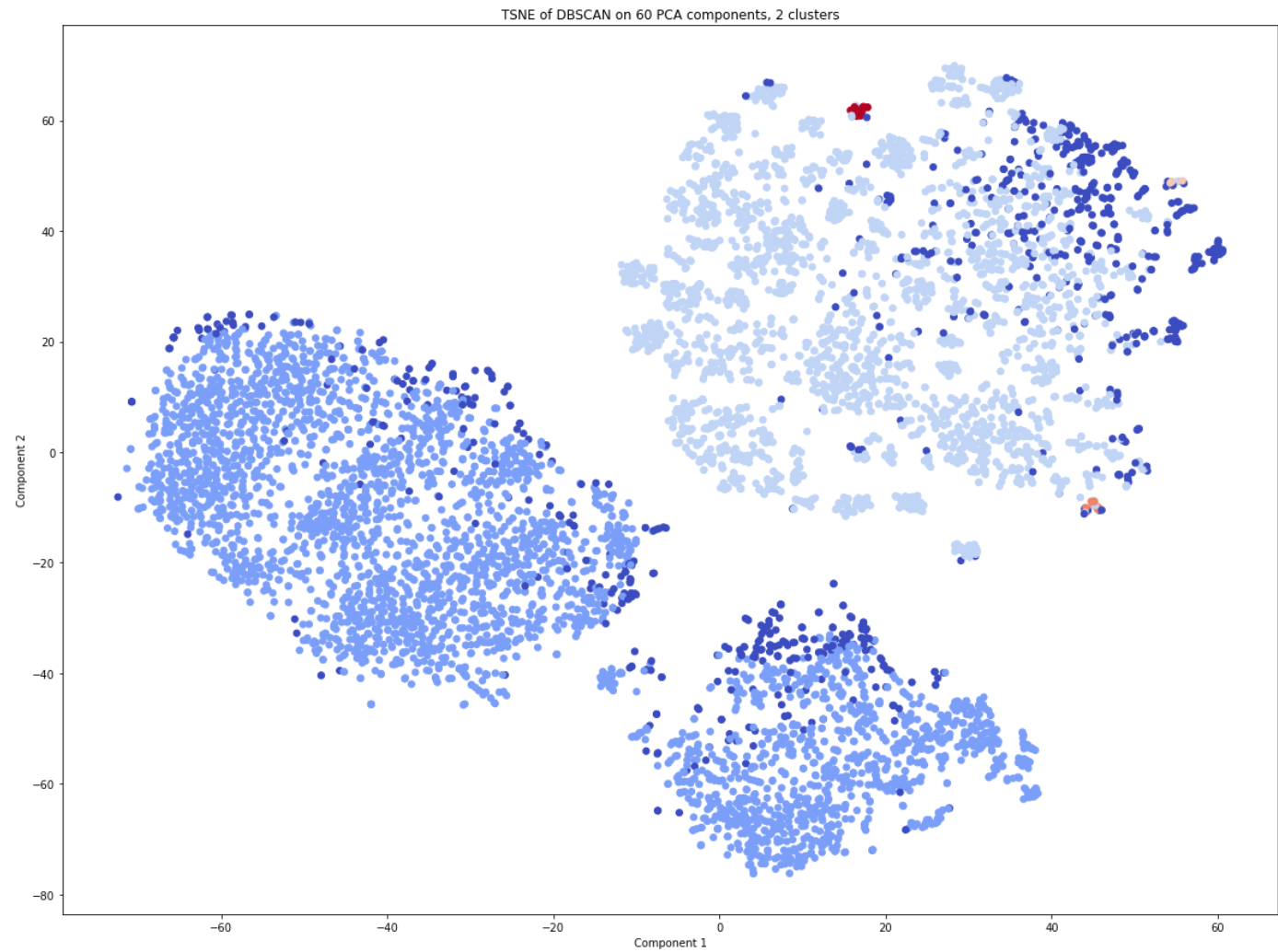
Human Activity Recognition

Yevhenii Vinichenko, Wolny Krzysztof

DBSCAN

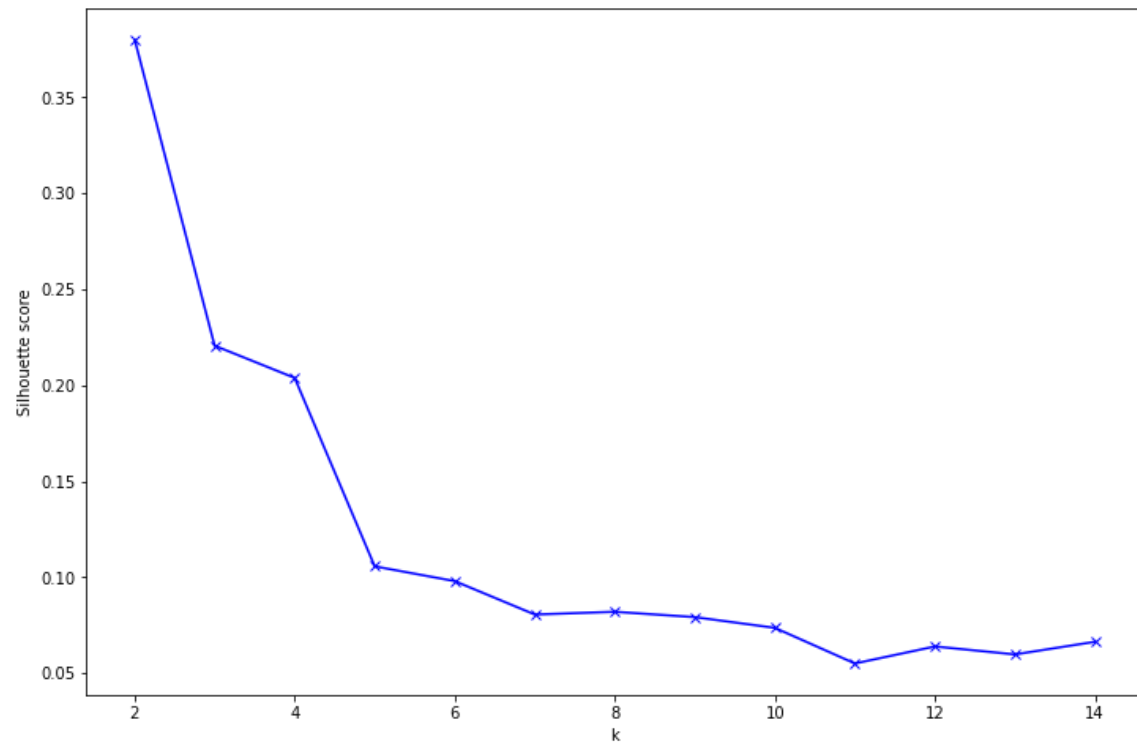


DBSCAN

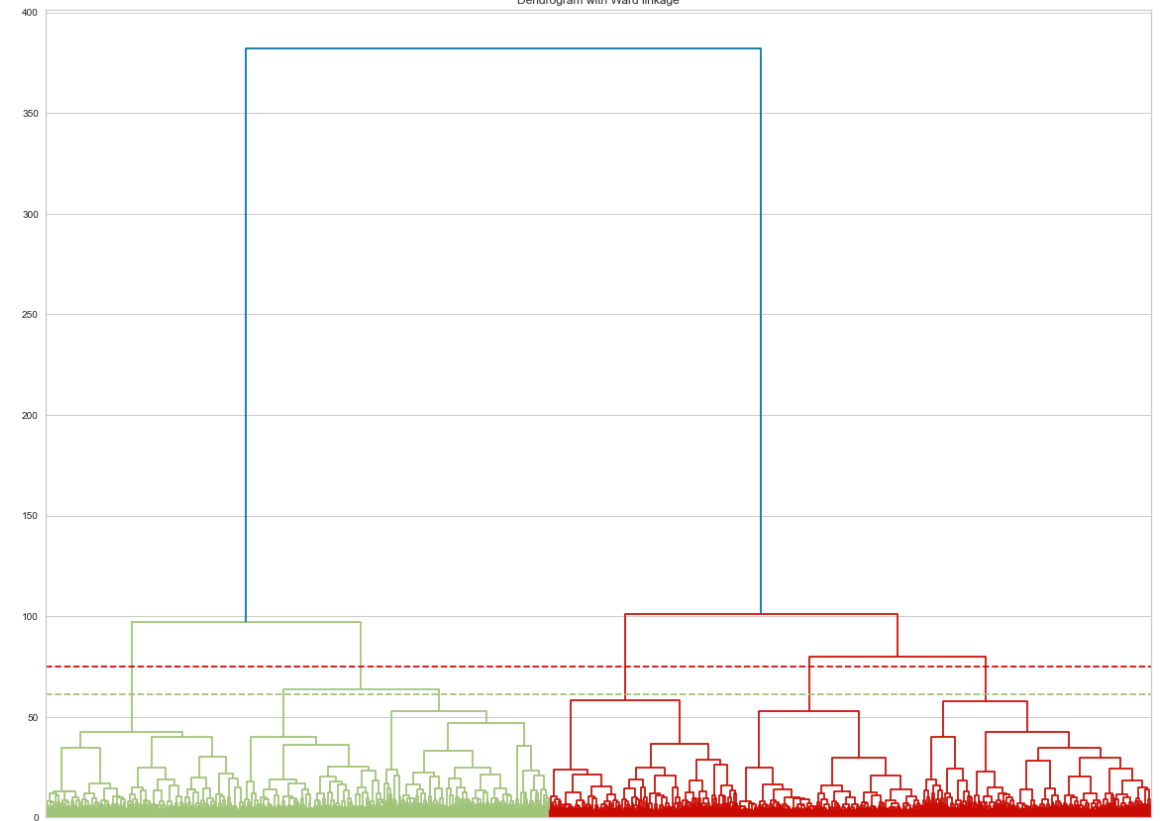


GMM

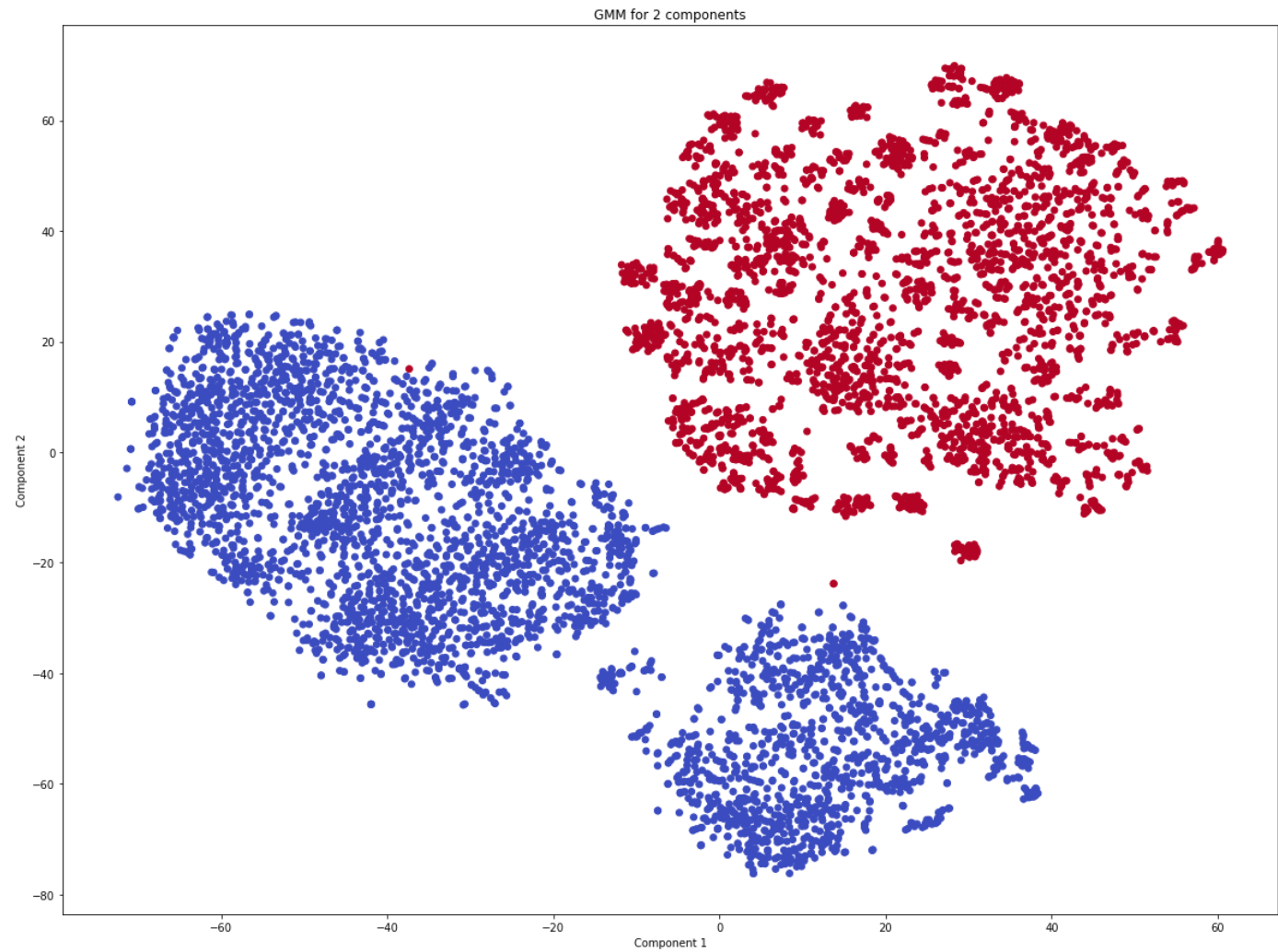
Silhouette score for the GMM



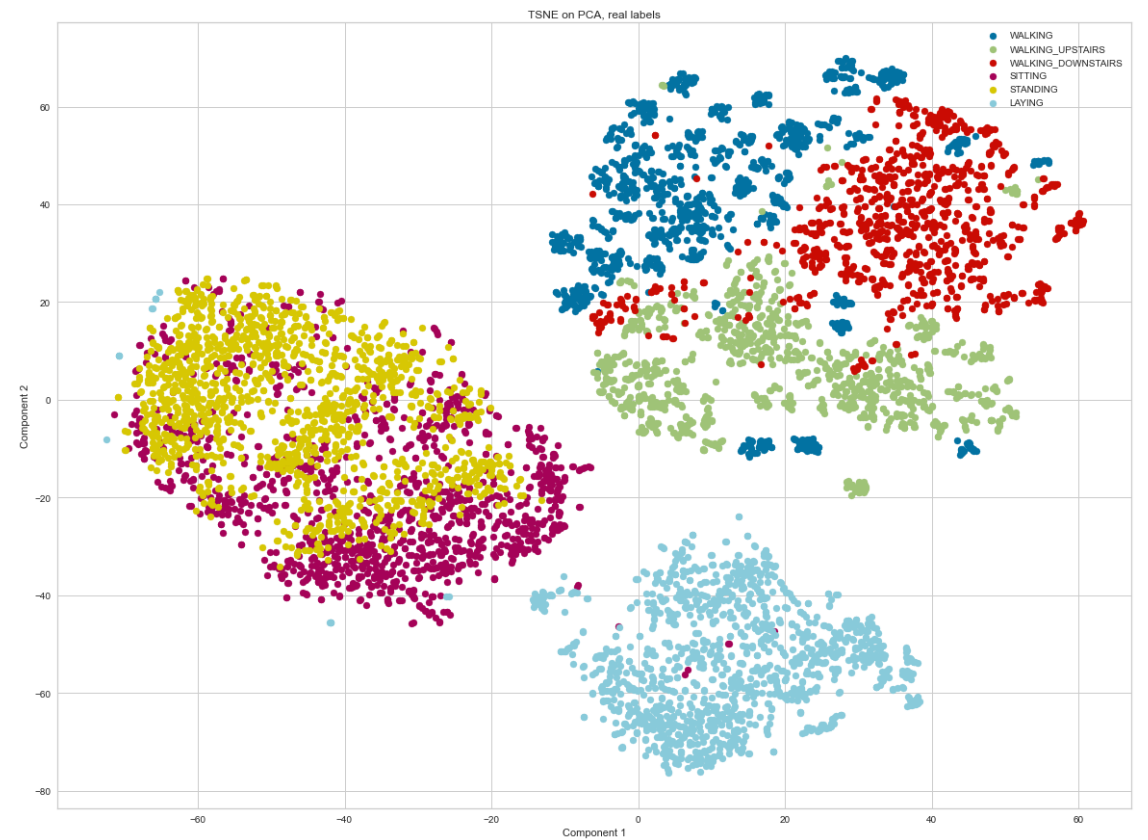
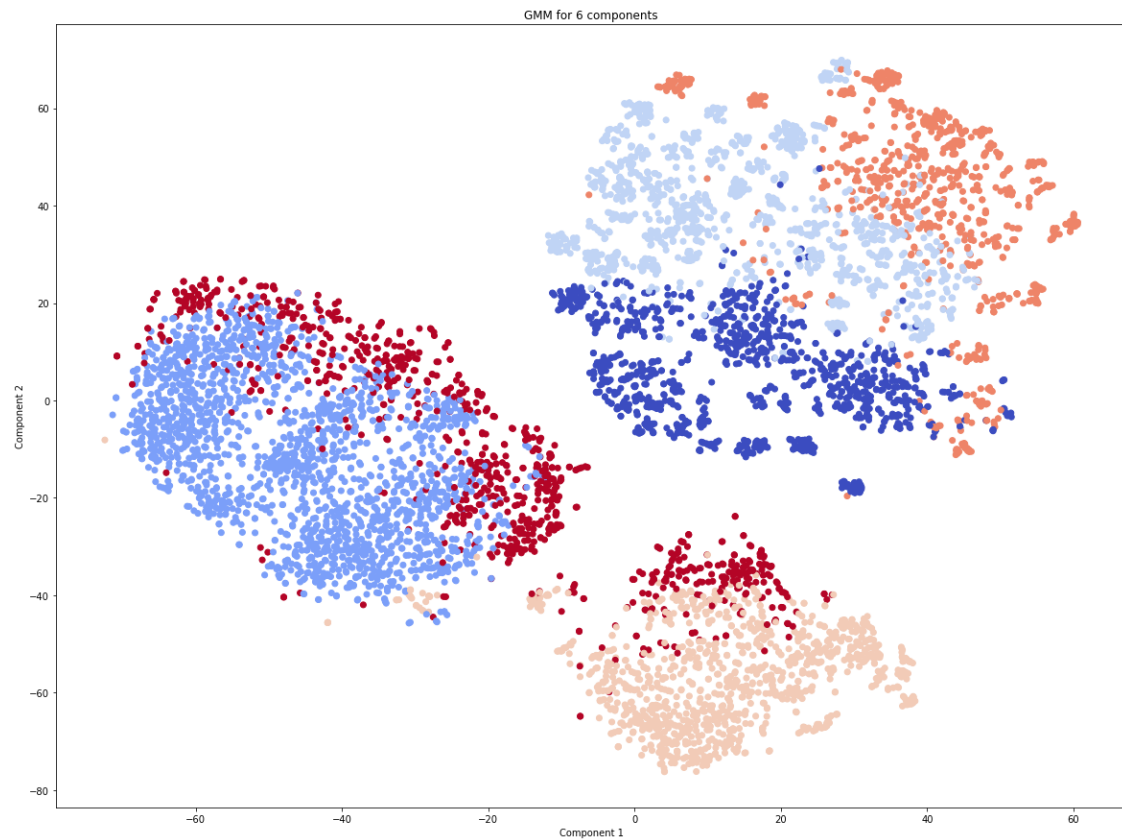
Dendrogram with Ward linkage



GMM

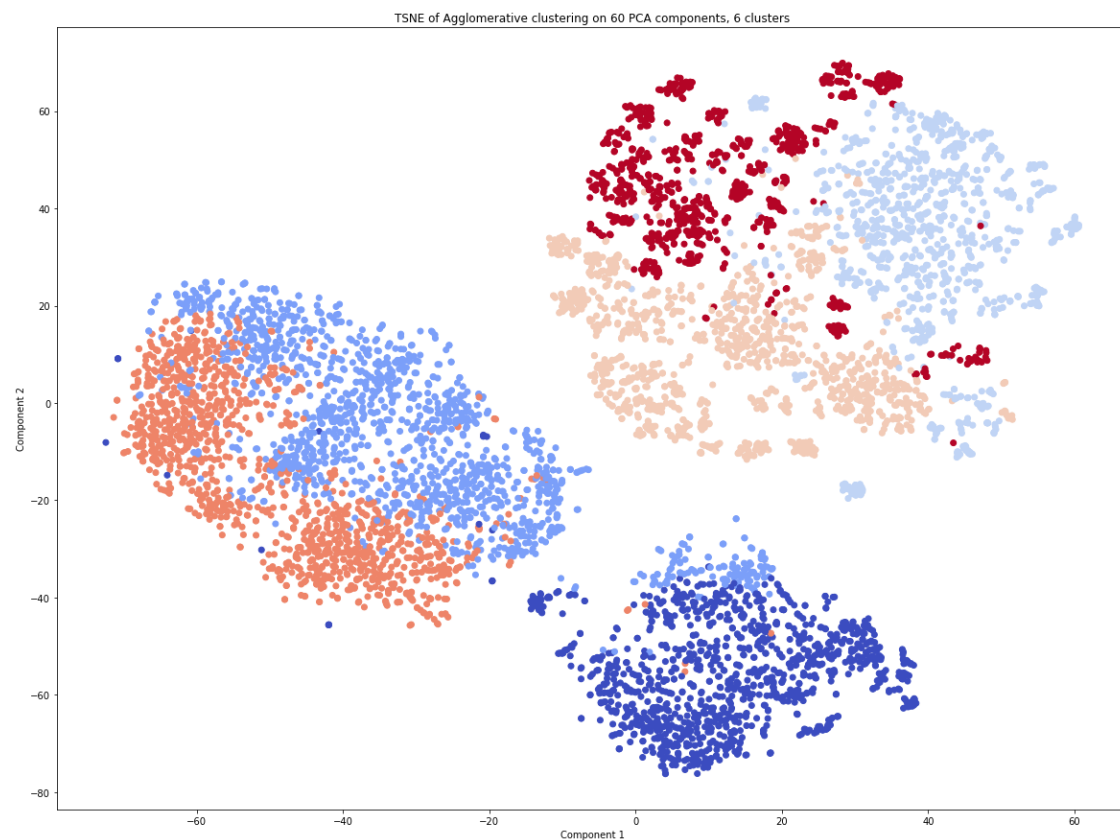


GMM



GMM

Activity	1	2	3	4	5	6
row_0						
1.0	846	60	361	0	0	0
2.0	140	952	64	0	0	0
3.0	197	108	561	0	0	0
4.0	0	0	0	332	335	238
5.0	0	0	0	853	1024	0
6.0	0	0	0	29	0	1109



Klasteryzacja hierarchiczna

Klasteryzacja hierarchiczna

Activity	1	2	3	4	5	6
row_0						
1.0	839	60	8	0	0	0
2.0	243	878	175	0	0	0
3.0	101	182	803	0	0	0
4.0	0	0	0	653	550	6
5.0	0	0	0	548	804	136
6.0	0	0	0	13	5	1205

Klasteryzacja hierarchiczna

Activity	1	2	3	4	5	6
row_0						
1.0	387	8	14	0	0	0
2.0	122	363	84	4	1	0
3.0	30	53	322	0	0	0
4.0	0	0	0	341	263	7
5.0	0	0	0	215	283	50
6.0	0	0	0	3	0	540