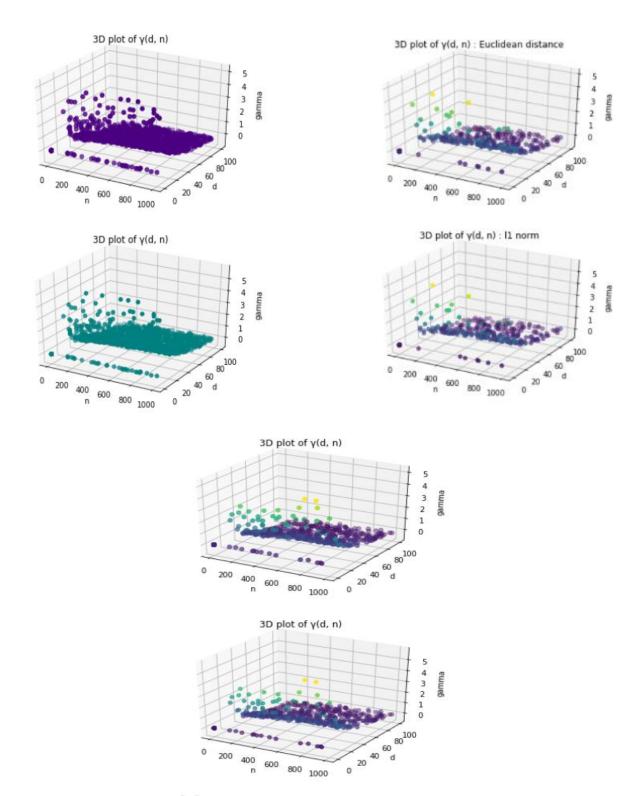
## **Problem 3 - Curse of Dimensionality**

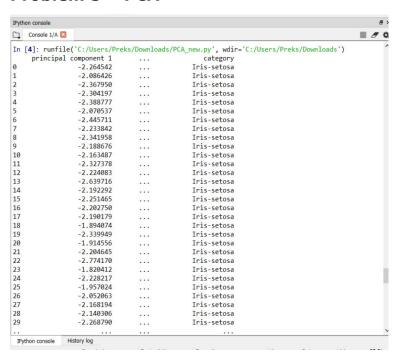


200 400

600

800 1000

## Problem 5 - PCA



2.200750		1113 30.0030	
2 040406		T-11-1-1	
2.040496		Iris-virginica	
2.316082			
1.860371		Iris-virginica	
1.111272		Iris-virginica	
1.197469		Iris-virginica	
2.800949		Iris-virginica	
1.580155		Iris-virginica	
1.347044		Iris-virginica	
0.923433		Iris-virginica	
1.853552		Iris-virginica	
2.016157		Iris-virginica	
1.903117		Iris-virginica	
1.153190			
2.043308			
2.001691			
1.558492			
1.520845			
0.959299		Iris-virginica	
	0.973915 2.898064 1.329194 1.704241 1.957728 1.171905 1.019781 1.786009 1.864778 2.435497 2.316082 1.860371 1.111272 1.197469 2.800949 1.580155 1.347044 0.923433 1.853552 2.016157 1.903117 1.153190 2.043308 2.001691 1.870522 1.5758492	0.973915 2.898064 1.329194 1.704241 1.957728 1.171905 1.019781 1.786009 1.864778 2.435497 2.316082 1.860371 1.111272 1.197469 2.800949 1.580155 1.347044 0.923433 1.853552 2.016157 1.993117 1.153190 2.043308 2.043308 2.043308 2.041691 1.870522 1.558492 1.558492 1.558845	0.973915

