

PCA Exercise

Suppose you have the following data:

Feature 1	Feature 2
2.5	2.4
0.5	0.7
2.2	2.9
1.9	2.2
3.1	3.0
2.3	2.7
2	1.6
1	1.1
1.5	1.6
1.1	0.9

Verify that its principal components amount to:

PC1	PC2
-0.8279	-0.1751
1.7775	0.1428
-0.9921	0.3843
-0.2742	0.1304
-1.6758	-0.2094
-0.9129	0.1752
0.0991	-0.3498
1.1445	0.0464
0.4380	0.0174
1.2223	-0.1626