

TALLER 2

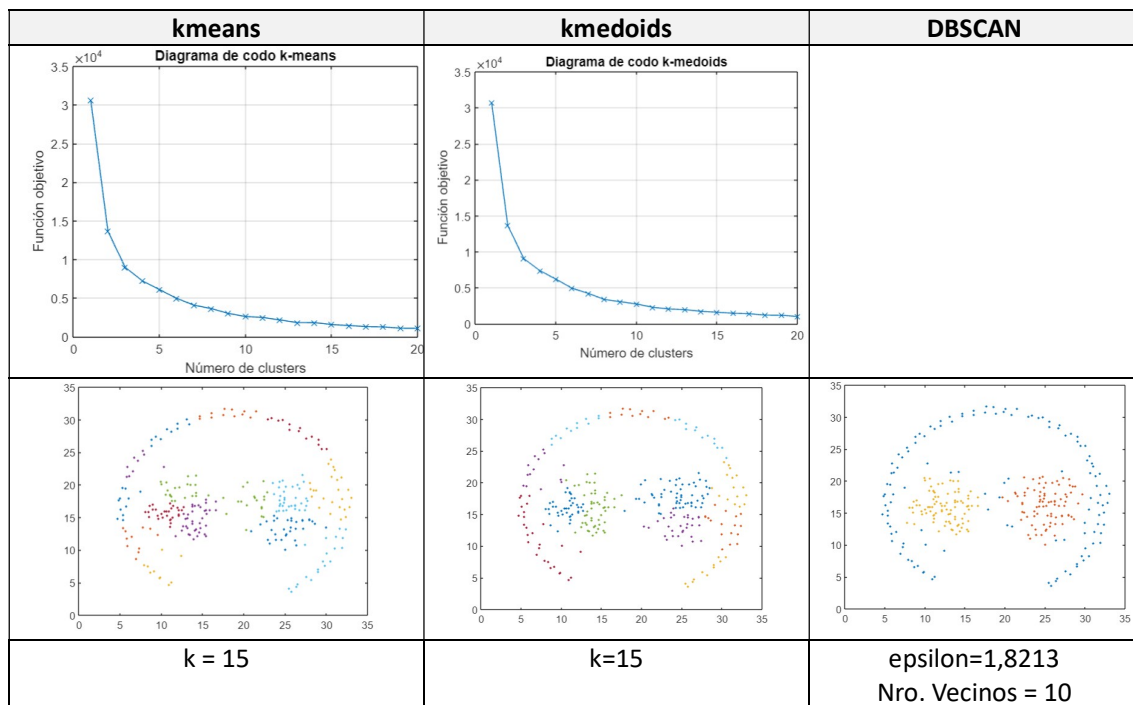
REDES NEURONALES

Elaborado por: David Fabián Cevallos Salas

Fecha: 2023-08-22

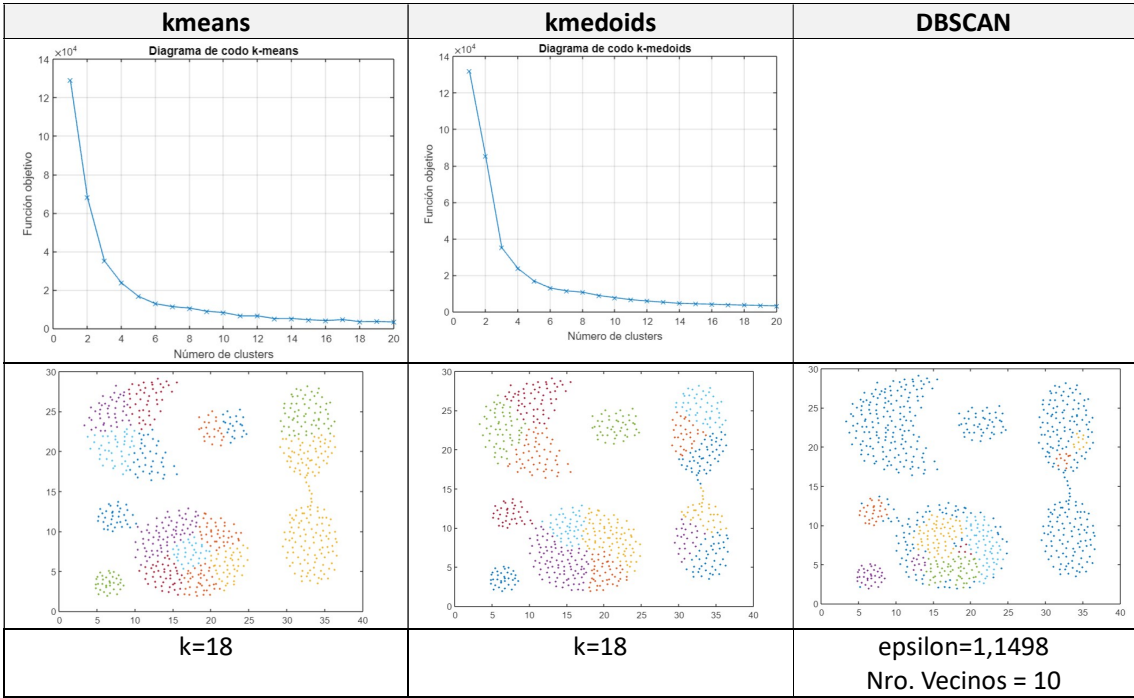
APRENDIZAJE NO SUPERVISADO

1. Path-Based1



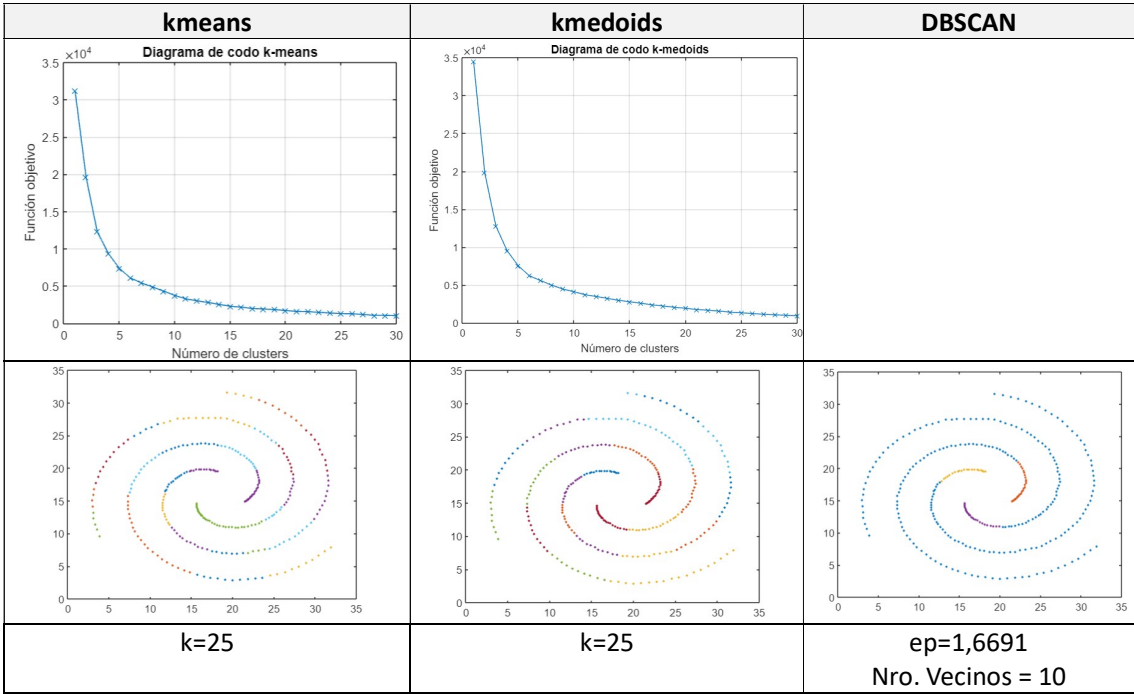
	k-means	k-medoids	DBSCAN
SSW	2,0846	2,0108	7,0103
SSB	9,1903	9,1714	4,3779
WB-index	3,4024	3,2887	4,8038
Silhouette	0,5426	0,5730	0,2273

2. Aggregation



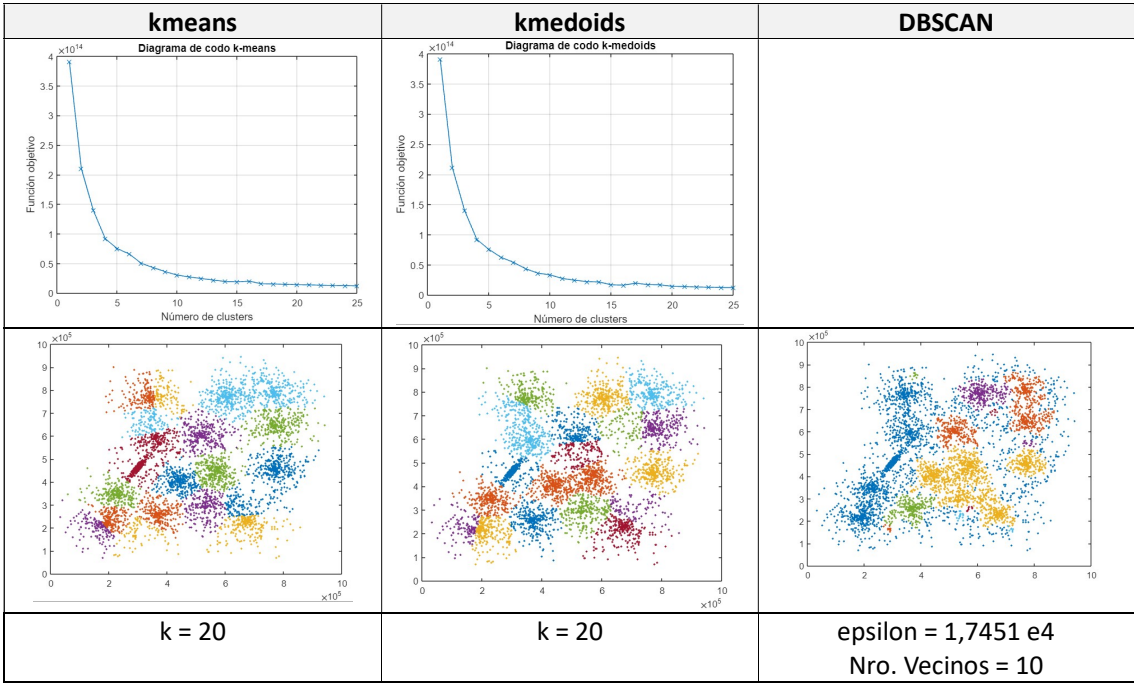
	k-means	k-medoids	DBSCAN
SSW	2,0270	1,9570	8,7556
SSB	12,0144	12,0232	6,0349
WB-index	3,0368	2,9298	15,9592
Silhouette	0,6038	0,5771	-0,3618

3. Path-based2



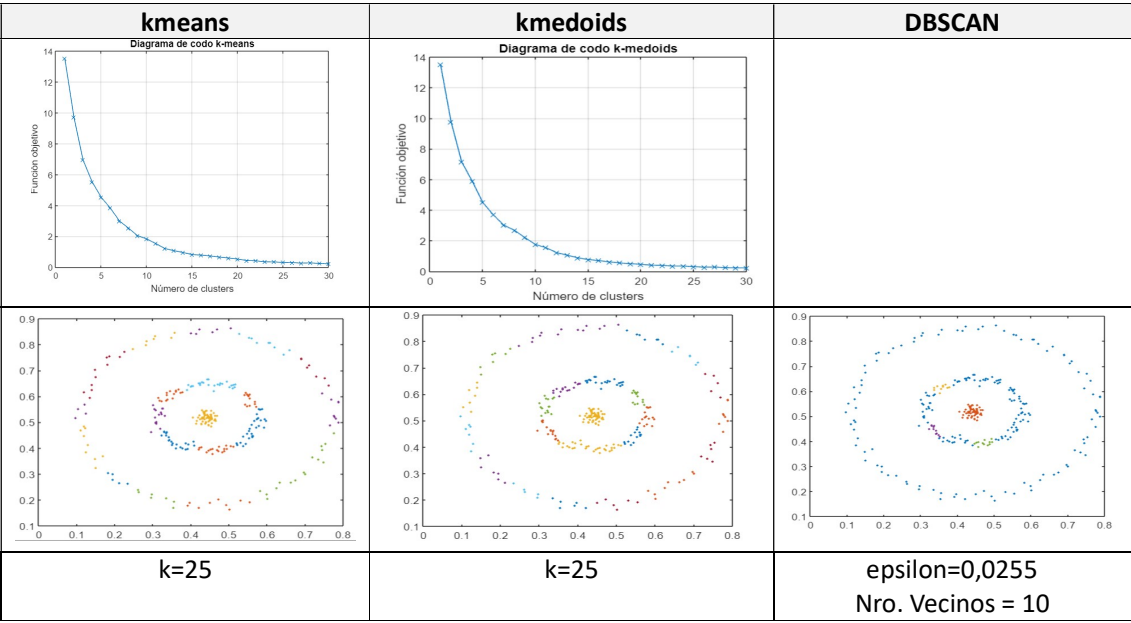
	k-means	k-medoids	DBSCAN
SSW	1,8793	1,7429	8,6011
SSB	9,1270	9,0813	1,0805
WB-index	5,1475	4,7980	31,8417
Silhouette	0,5509	0,5879	-0,3492

4. S3



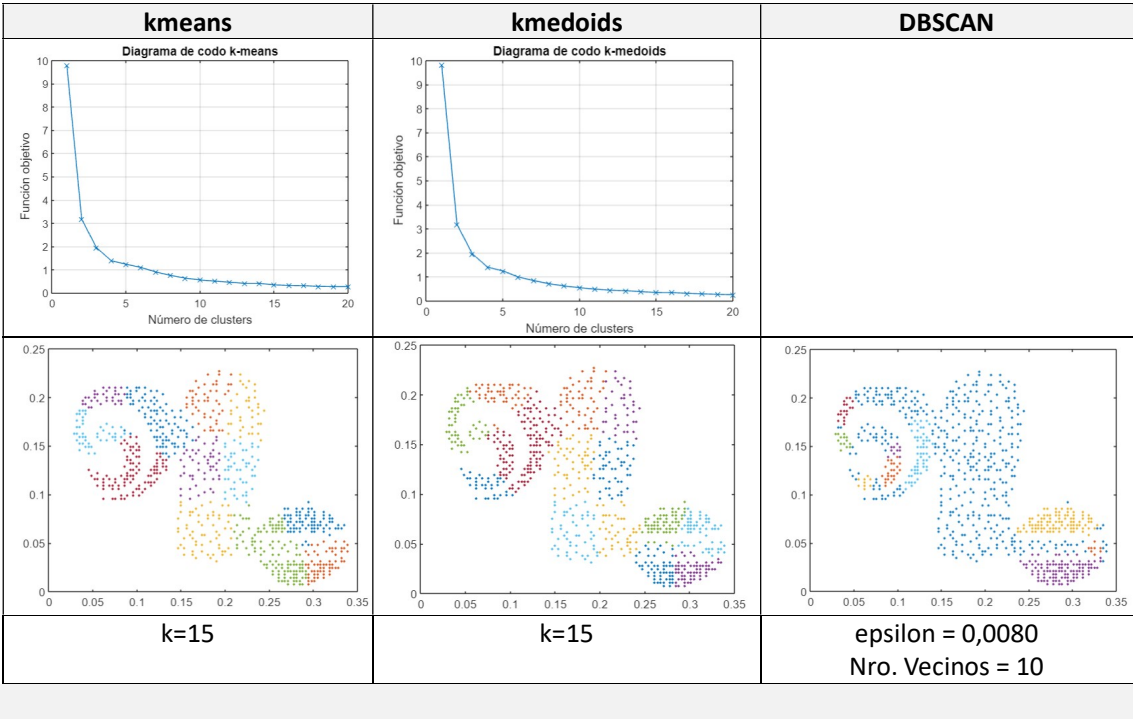
	k-means	k-medoids	DBSCAN
SSW	4,53 e4	4,52 e4	1,3998 e5
SSB	2,5450 e5	2,5455 e5	1,8689 e5
WB-index	3,5388	3,5513	12,9408
Silhouette	0,6073	0,6038	-0,3075

5. Zelnik1



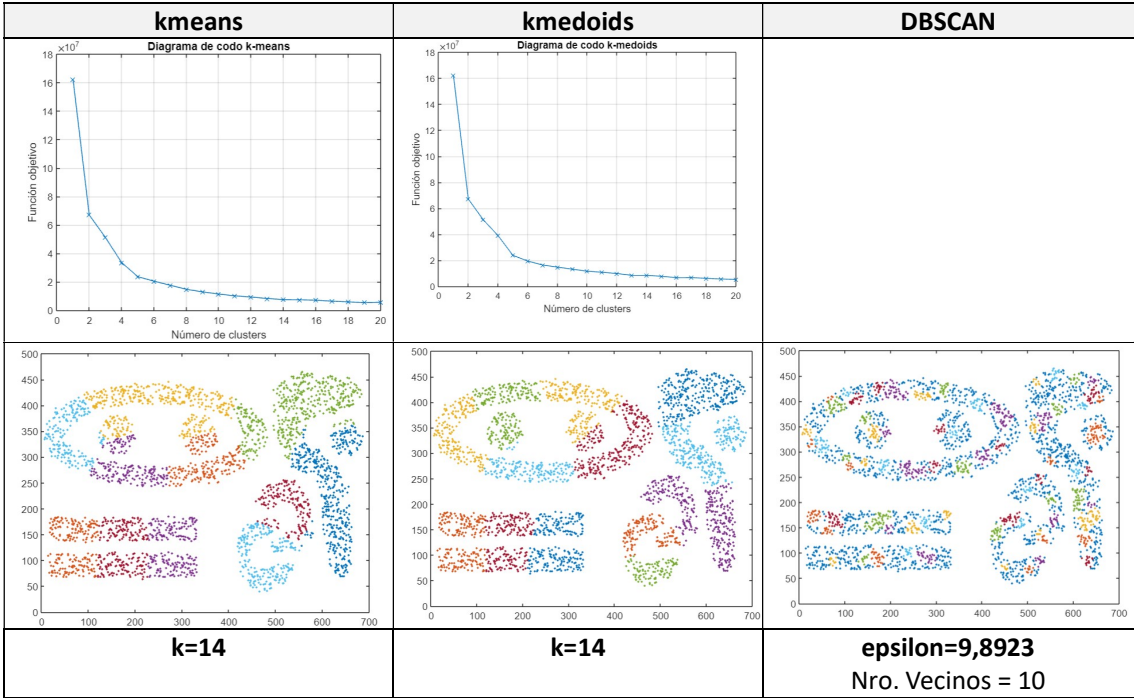
	k-means	k-medoids	DBSCAN
SSW	0,0268	0,0262	0,1624
SSB	0,1703	0,1704	0,0222
WB-index	3,9413	3,8480	36,6551
Silhouette	0,7286	0,7183	-0,2158

6. Ds3c3sc6



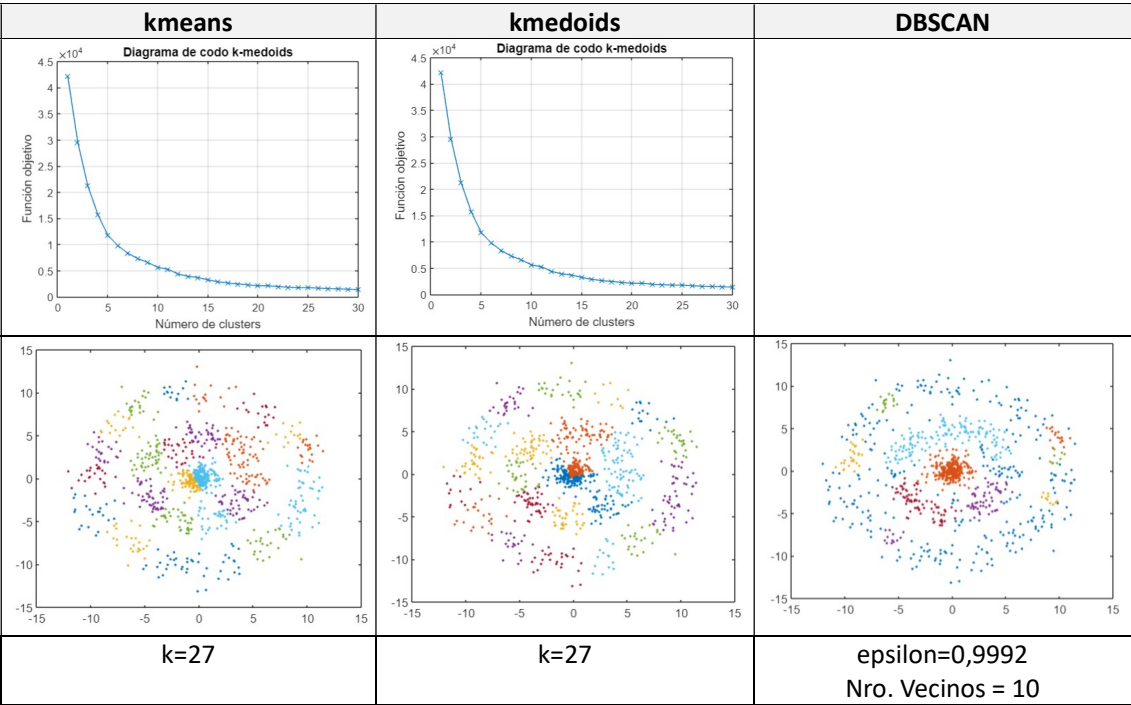
	k-means	k-medoids	DBSCAN
SSW	0,0178	0,0175	0,0462
SSB	0,0952	0,0954	0,0725
WB-index	2,8075	2,7564	7,0087
Silhouette	0,5598	0,5557	0,0678

7. Complex9



	k-means	k-medoids	DBSCAN
SSW	46,3844	47,9522	104,8374
SSB	212,8512	213,5675	123,4962
WB-index	3,0509	3,1434	70,4597
Silhouette	0,5887	0,5667	-0,1181

8. rings



	k-means	k-medoids	DBSCAN
SSW	1,0909	1,0712	3,5975
SSB	5,0938	5,1265	2,4491
WB-index	5,7825	5,6419	17,6270
Silhouette	0,5430	0,5462	0,2105