

# TALLER 2

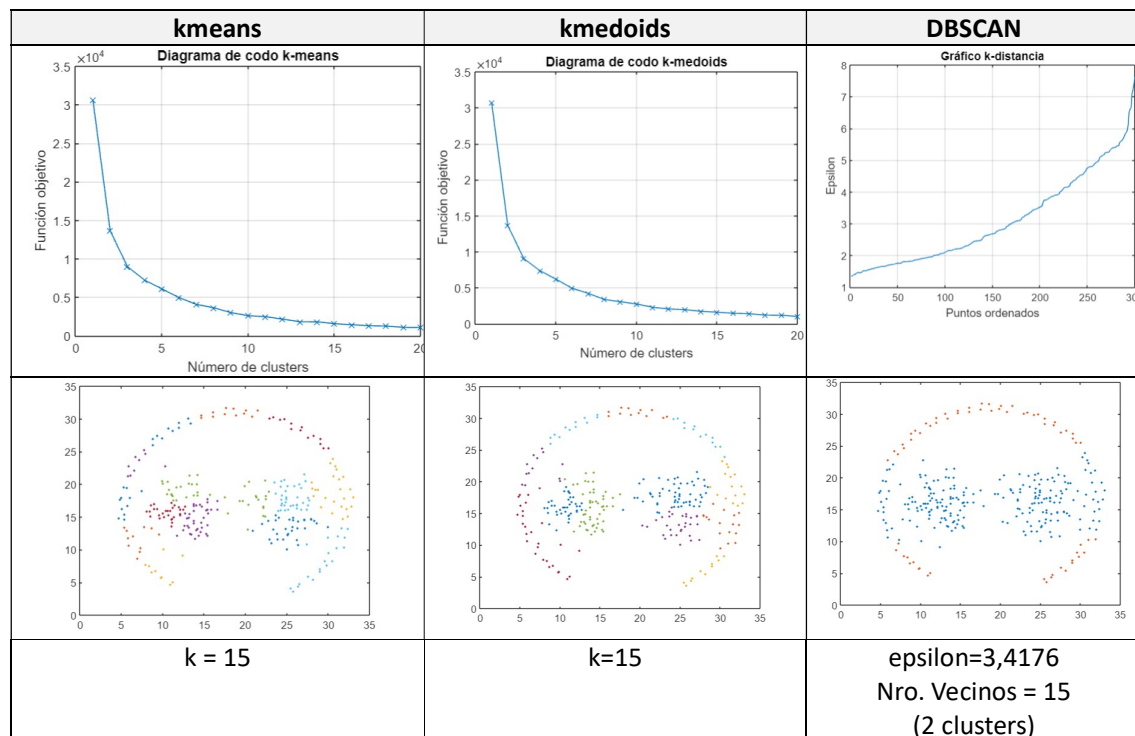
## REDES NEURONALES

Elaborado por: David Fabián Cevallos Salas

Fecha: 2023-08-22

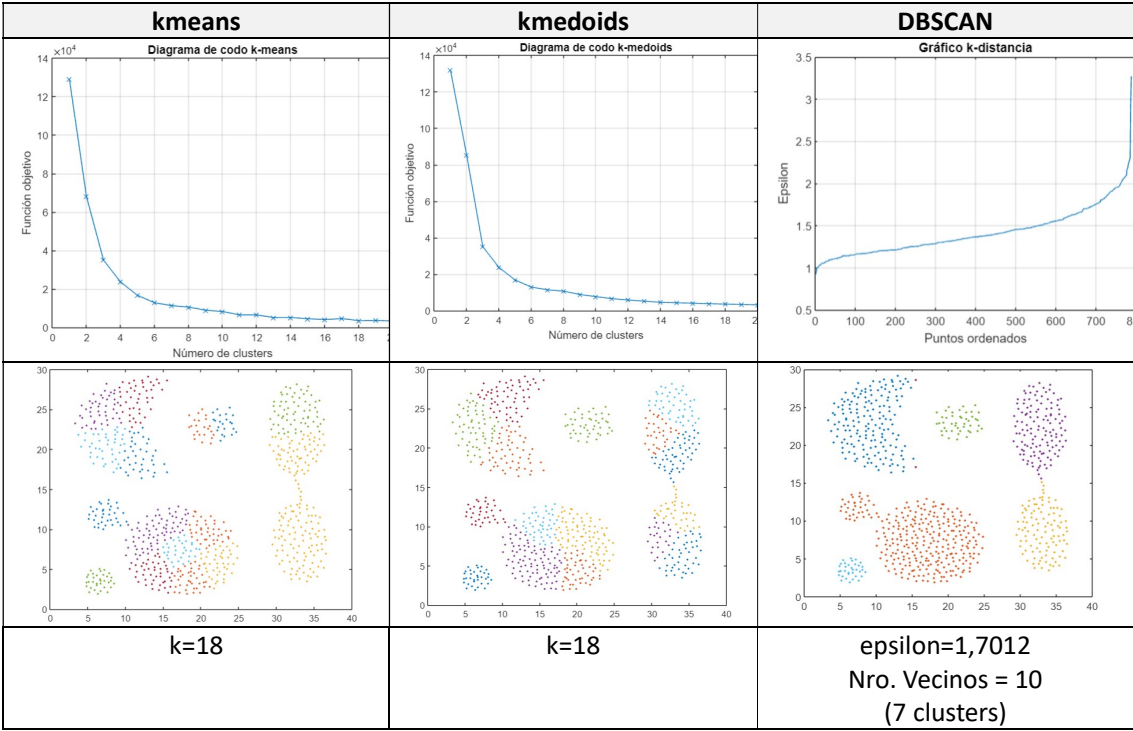
### APRENDIZAJE NO SUPERVISADO

#### 1. Path-Based1



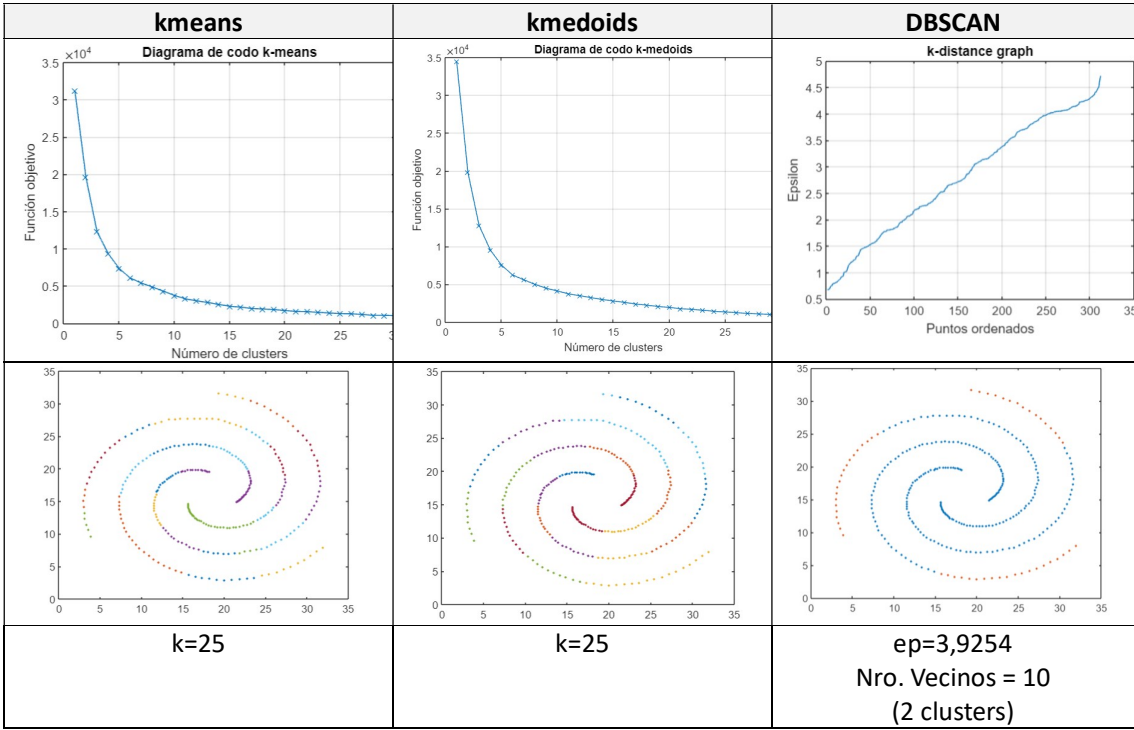
	k-means	k-medoids	DBSCAN
SSW	2,0846	2,0108	9,1704
SSB	9,1903	9,1714	1,4327
WB-index	3,4024	3,2887	12,8019
Silhouette	0,5426	0,5730	0,3226

2. Aggregation



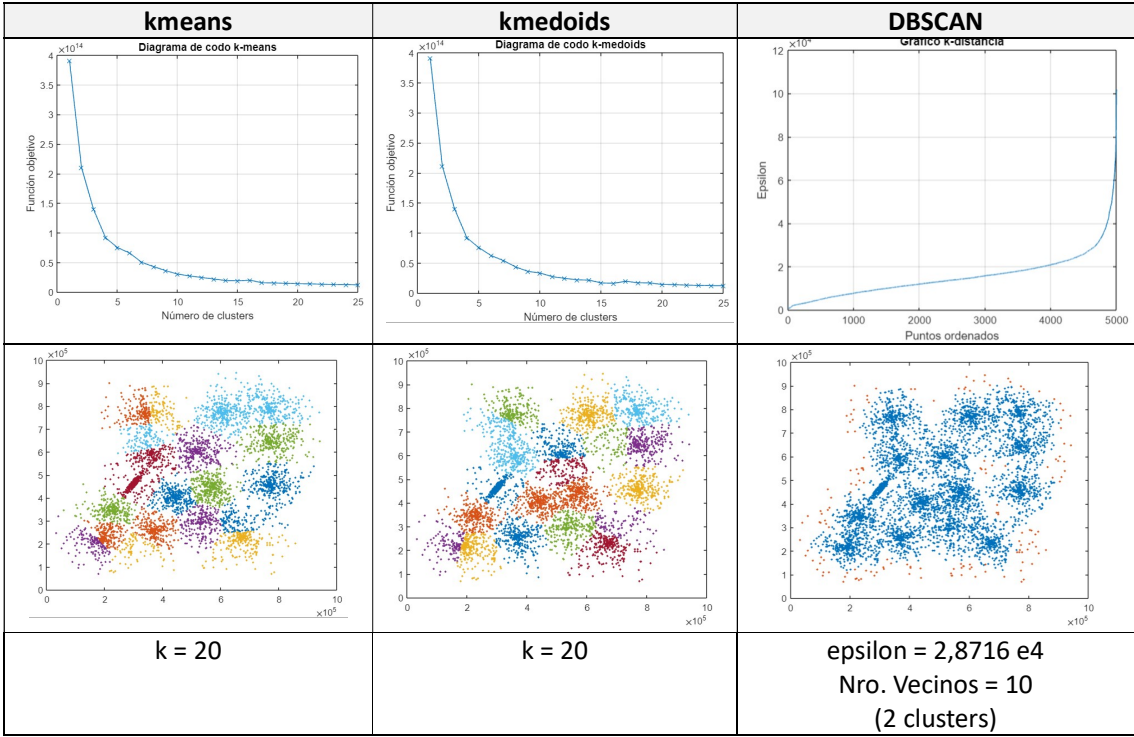
	k-means	k-medoids	DBSCAN
SSW	2,0270	1,9570	4,0037
SSB	12,0144	12,0232	11,3974
WB-index	3,0368	2,9298	2,4590
Silhouette	0,6038	0,5771	0,5696

3. Path-based2



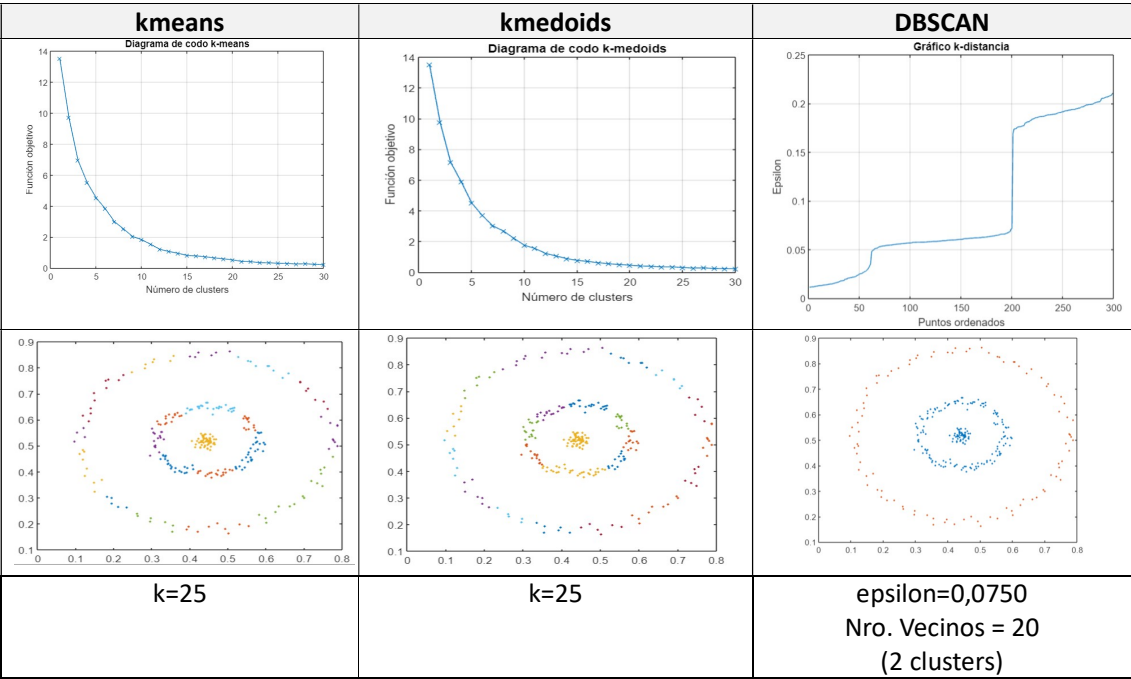
	k-means	k-medoids	DBSCAN
SSW	1,8793	1,7429	9,2787
SSB	9,1270	9,0813	0,3587
WB-index	5,1475	4,7980	51,7411
Silhouette	0,5509	0,5879	0,3424

4. S3



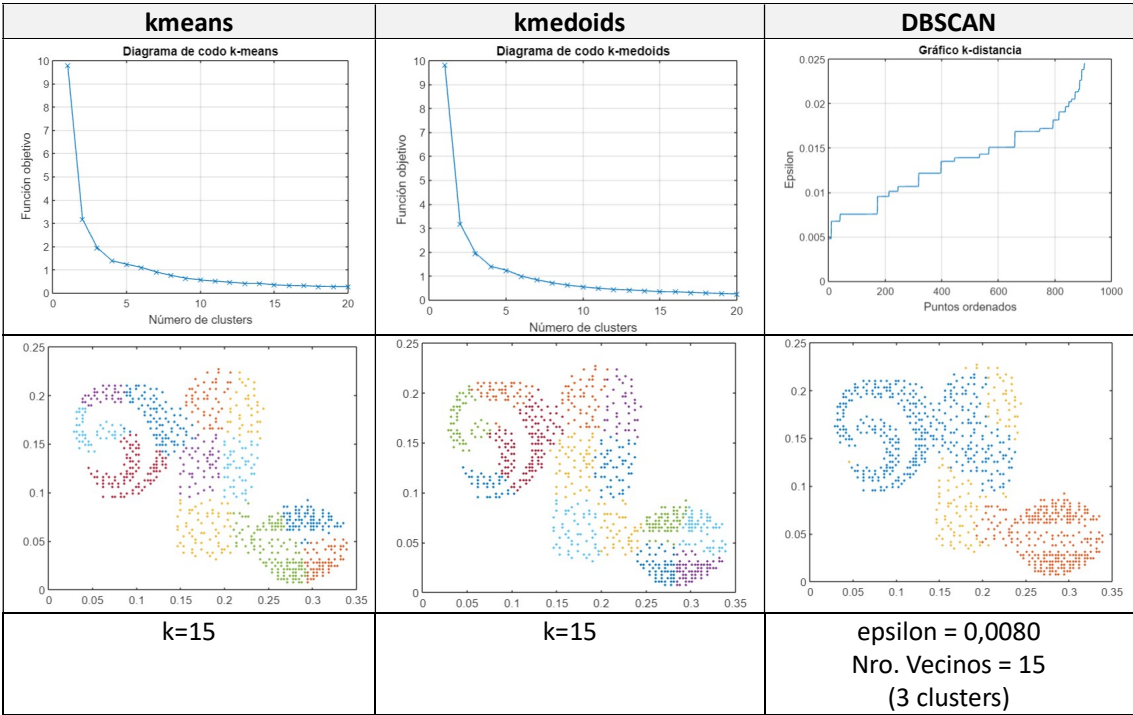
	k-means	k-medoids	DBSCAN
SSW	4,53 e4	4,52 e4	2,5766 e5
SSB	2,5450 e5	2,5455 e5	3,8212 e3
WB-index	3,5388	3,5513	134,8550
Silhouette	0,6073	0,6038	0,3083

5. Zelnik1



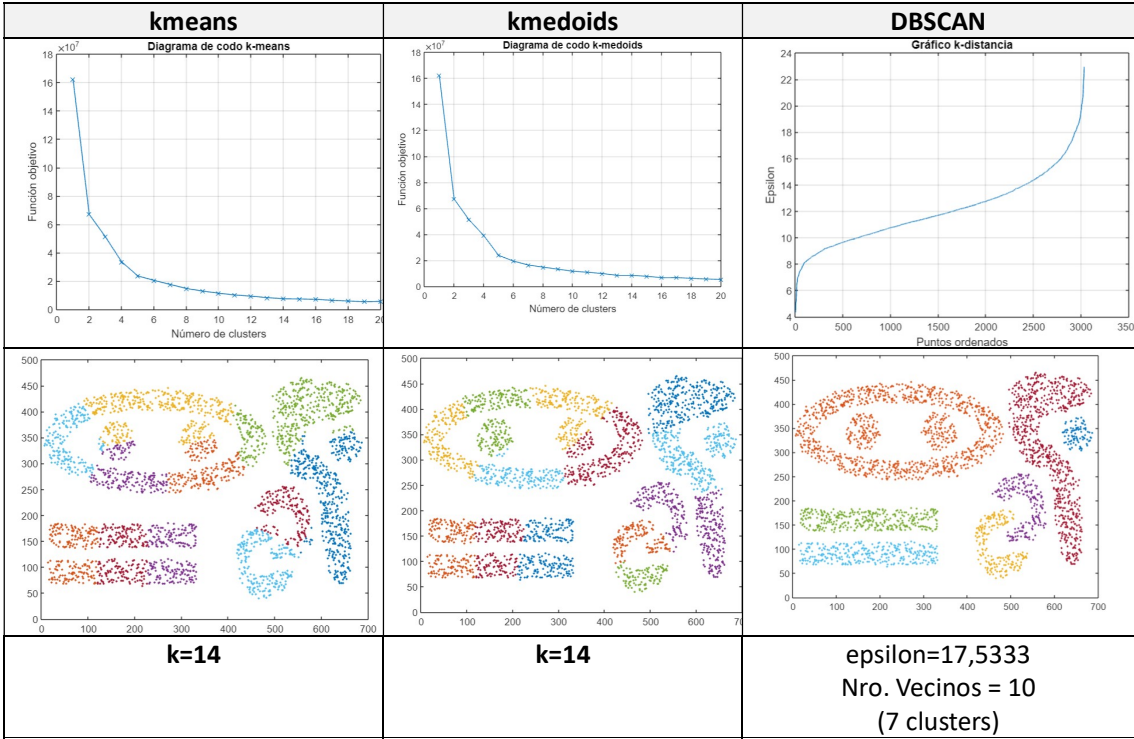
	k-means	k-medoids	DBSCAN
SSW	0,0268	0,0262	0,1754
SSB	0,1703	0,1704	0,0015
WB-index	3,9413	3,8480	231,2972
Silhouette	0,7286	0,7183	0,3890

6. Ds3c3sc6



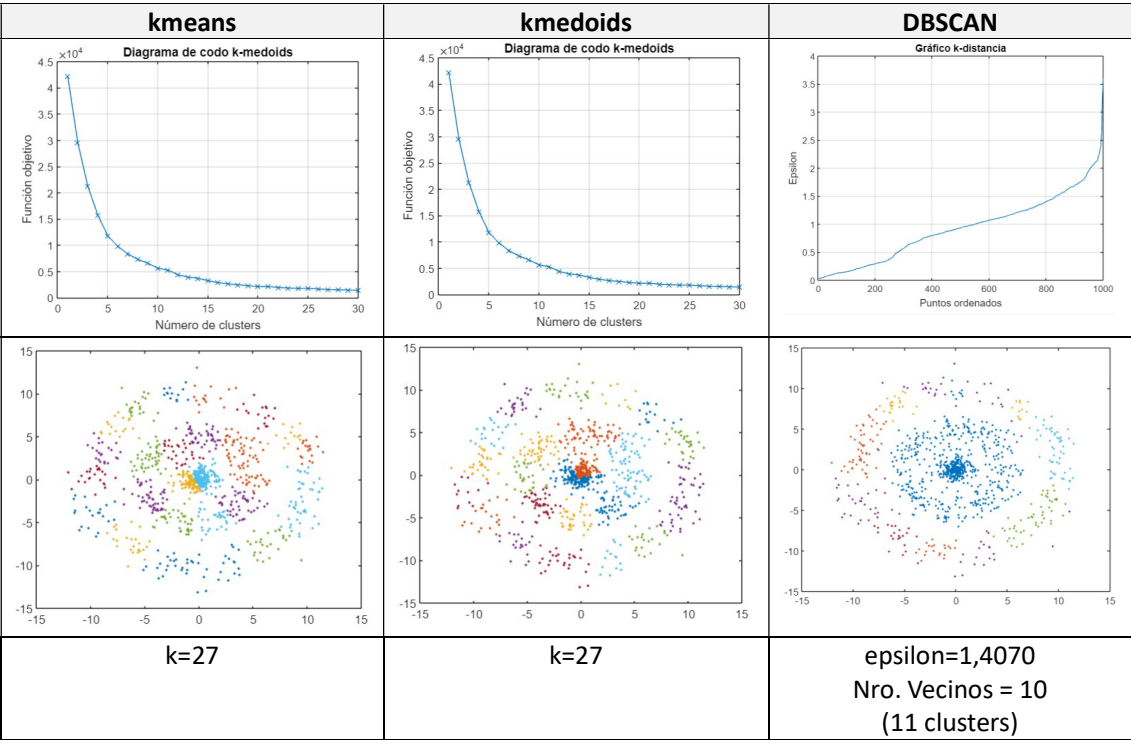
	k-means	k-medoids	DBSCAN
SSW	0,0178	0,0175	0,0498
SSB	0,0952	0,0954	0,0832
WB-index	2,8075	2,7564	1,7975
Silhouette	0,5598	0,5557	0,5101

7. Complex9



	k-means	k-medoids	DBSCAN
SSW	46,3844	47,9522	101,0024
SSB	212,8512	213,5675	195,3166
WB-index	3,0509	3,1434	3,6198
Silhouette	0,5887	0,5667	0,0755

8. rings



	k-means	k-medoids	DBSCAN
SSW	1,0909	1,0712	3,1277
SSB	5,0938	5,1265	2,7865
WB-index	5,7825	5,6419	12,3469
Silhouette	0,5430	0,5462	0,2922