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CS544
AP4

Data Set:

\# Attribute

-- --
1. area A,
2. perimeter P,
3. compactness C = 4*pi*A/P^2,
4. length of kernel,
5. width of kernel,
6. asymmetry coefficient
7. length of kernel groove.

The 8th column of the data set is the type of seed (1, 2, or 3). There are 210 examples in the data set. All of them contain usable data, though some extra tab characters had to be removed before importing the data.

Accuracy: 89.52%

Centroids:

	area	perimeter	compactness	length	width	asymmetry coefficient	groove	type
0	18.721803	16.297377	0.885087	6.208934	3.722672	3.603590	6.066098	2
1	11.964416	13.274805	0.852200	5.229286	2.872922	4.759740	5.088519	3
2	14.648472	14.460417	0.879167	5.563778	3.277903	2.648933	5.192319	1

The centroids above represent a set of "average" values for each type of seed.