

Table 2. Tabulating the centre values for each individual attributes for the various methods

	V2	V6	V8
Hard K-means	(156, 102)	(34.5, 30.7)	(38.1, 30.7)
Rough K-means (Training)	(147, 105)	(33.5, 30.7)	(36.3, 31.9)
Rough K-means (Testing)	(149, 108)	(34.2, 31.1)	(38.6, 31.7)

Table 3. Tabulating the error percentage for centres values for each individual attributes

Error %	V2	V6	V8
Non-diabetic	2.86	1.3	0.63
Diabetic	1.36	2.09	6.34

5 Conclusion

The Rough Clustering of the data-set was successfully trained, tested and implemented on the data set. The results obtained were above satisfactory and can be further improved by increasing the size of the data set.

References

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