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Course = Machine Learning

Assignment = 02

REPORT

Results:

Sr.No	Feature	Classifier	Accuracy
1	Number of Non-Vowels in the name > 2	J48	60%
2	Number of letters of names (Even/Odd)	J48	63%
3	Names starting with vowels & Names whose second letter is h	J48	94%

From above table it can be concluded that when file of feature was run by the J48 classifier it gave accuracy of 60%. In the case of second feature the accuracy gained by J48 classifier was 63%. In the last case, by using both features names starting with vowels and names that have second letter **h**, the accuracy gained by using J48 was 94%. So the third case is the best with accuracy of 94%.