

Wine Project Report

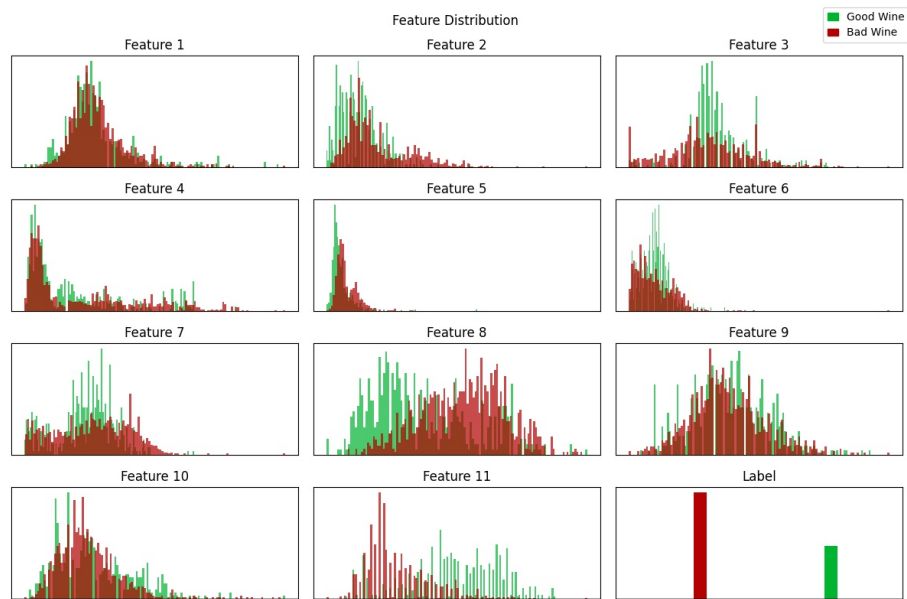
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1 Preliminary Data Analysis

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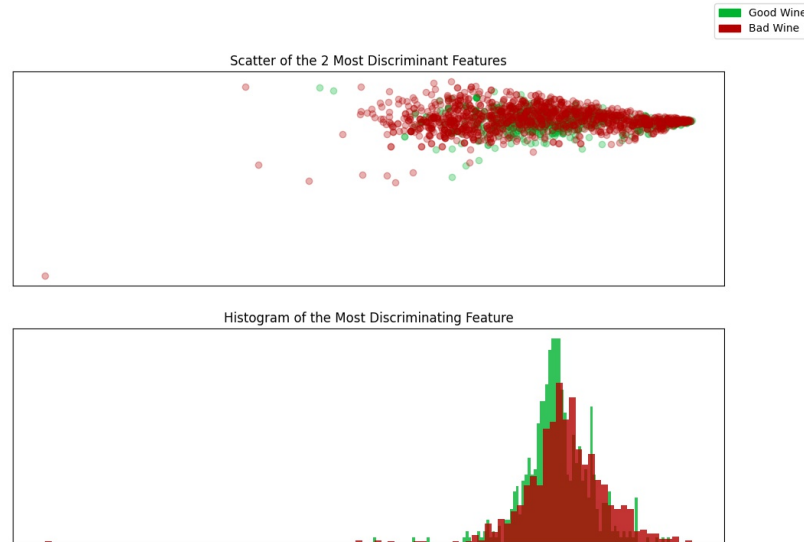


Table 1: MVG

π_T	PCA	Error Rate
0.7	1	39.846%
0.8	2	39.791%
0.8	1	38.090%
0.9	3	38.639%
0.9	2	38.145%
0.9	1	36.663%

Table 2: Naive Bayes

π_T	PCA	Error Rate
0.7	1	39.846%
0.8	2	39.188%
0.8	1	38.090%
0.9	4	39.462%
0.9	3	37.925%
0.9	2	37.596%
0.9	1	36.663%

Table 3: Tied Covariance

π_T	PCA	Error Rate
0.6	1	36.498%
0.7	3	38.858%
0.7	2	38.310%
0.7	1	36.443%
0.8	3	36.608%
0.8	2	36.553%
0.8	1	36.443%
0.9	6	39.956%
0.9	5	37.870%
0.9	4	38.310%
0.9	3	36.443%
0.9	2	36.443%
0.9	1	36.443%