

Wine Project Report

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1 Preliminary Data Analysis

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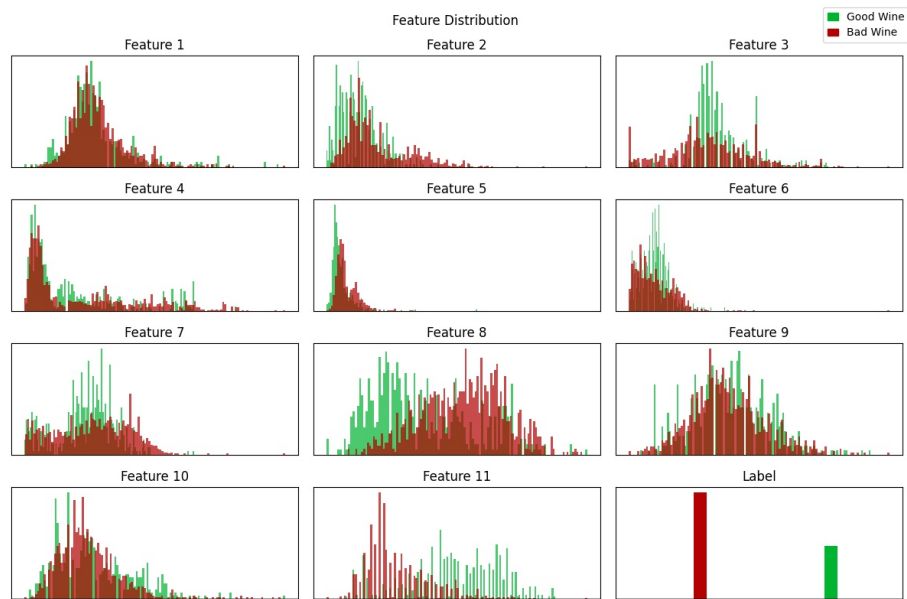


Table 1: MVG

π_T	PCA	Error Rate
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Table 2: Naive Bayes

π_T	PCA	Error Rate
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Table 3: Tied Covariance

π_T	PCA	Error Rate
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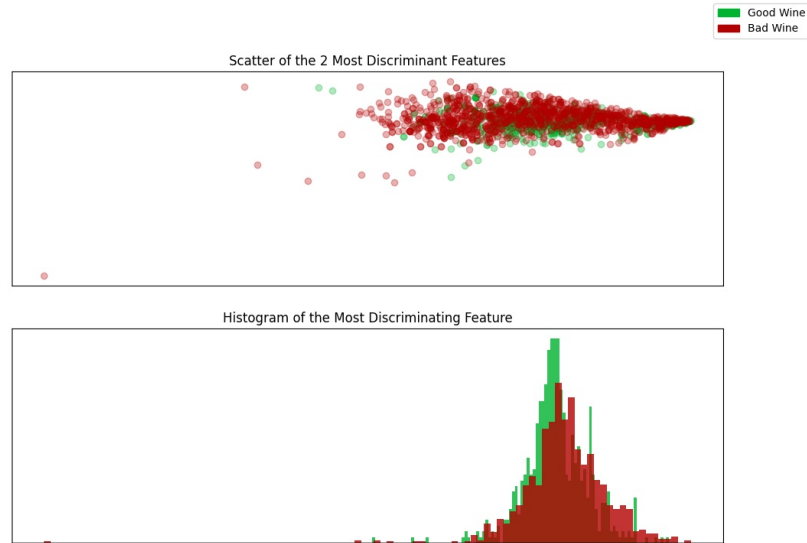


Table 4: Kernel SVM

Bias	γ	C	Error Rate
0	1	0.1	27.113%
0	1	0.5	27.113%
0	1	1	27.113%
0	5	0.1	27.168%
0	5	0.5	27.168%

0	5	1	27.168%
0	10	0.1	27.442%
0	10	0.5	27.442%
0	10	1	27.442%
5.0	1	0.1	36.443%
5.0	1	0.5	36.443%
5.0	1	1	36.443%
5.0	5	0.1	36.443%
5.0	5	0.5	36.443%
5.0	5	1	36.443%
5.0	10	0.1	36.443%
5.0	10	0.5	36.443%
5.0	10	1	36.443%
10.0	1	0.1	36.443%
10.0	1	0.5	36.443%
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10.0	10	1	36.443%