REPORT

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4)

a) Lasso :

alpha	accuracy
0.1	0.6688846
0.01	0.7028230
0.000001	0.7269515

b) Ridge :

alpha	accuracy
0.5	0.7056307
0.0005	0.7124384
0.05	0.7172461

c) ElasticNet :

alpha	l1_ratio	accuracy
0.01	0.02	0.6881153
0.001	0.02	0.7056307
0.000001	0.00002	0.7126384

d) No Regularisation :

accuracy
0.7316692

The accuracies of each of the different types of regularisations rely heavily on the dataset being used.
Regularisation never improve the accuracy as such, as it does not prevent overfitting.
The method of regularisation is used mainly to restrict the size of the model we obtain.