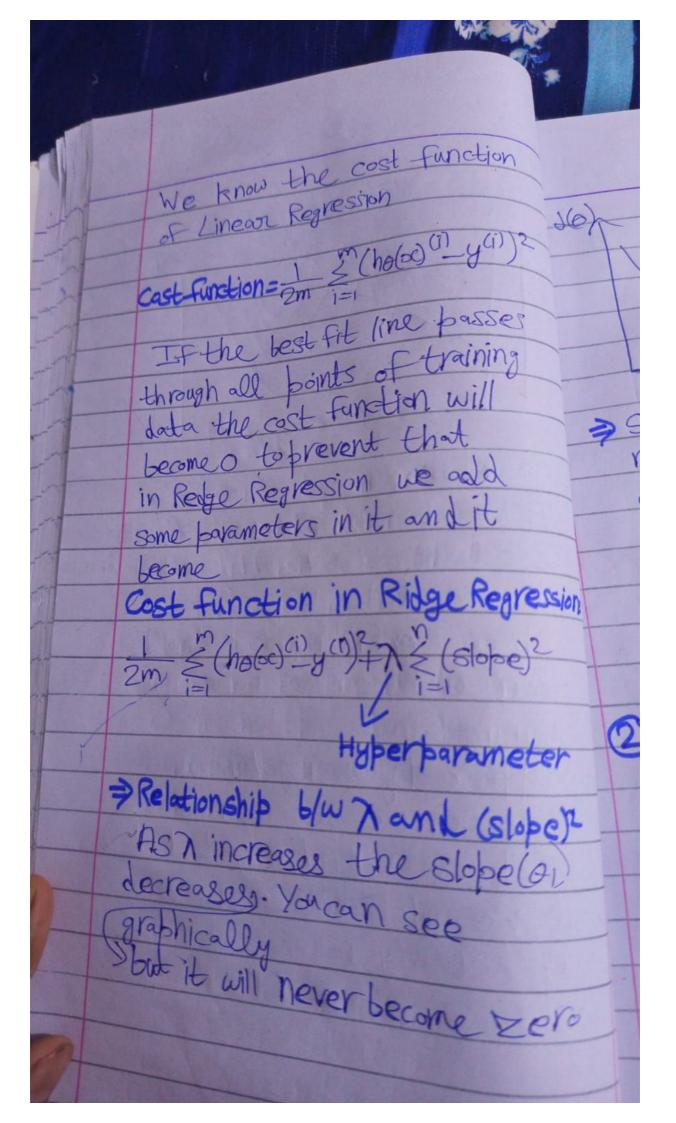
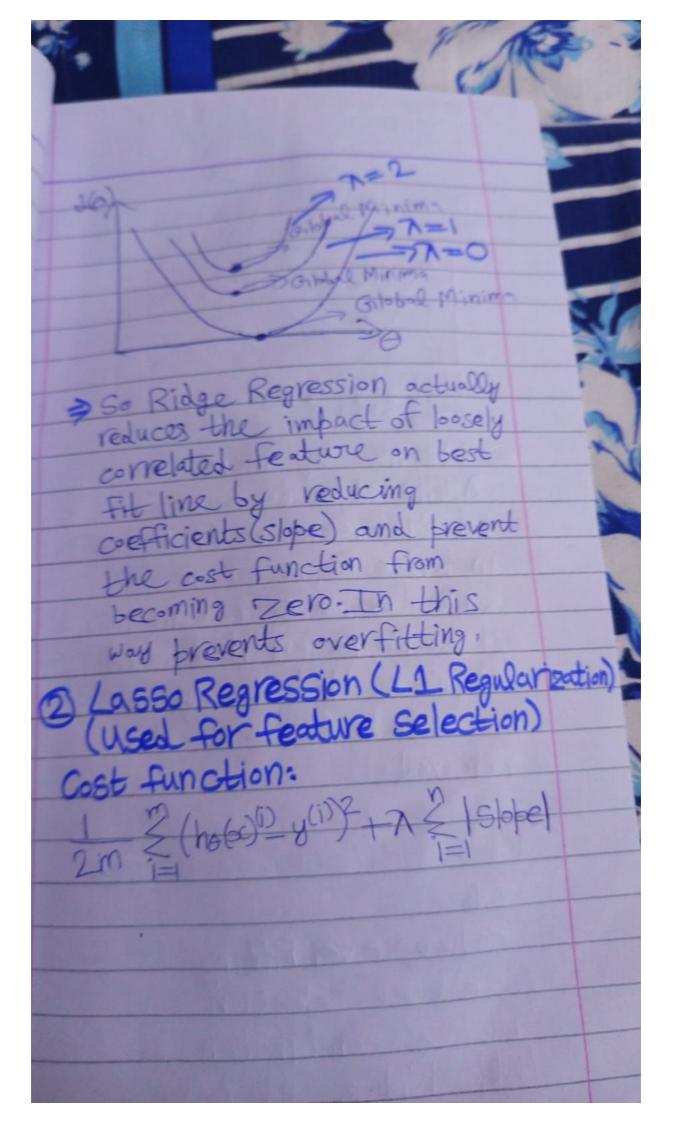
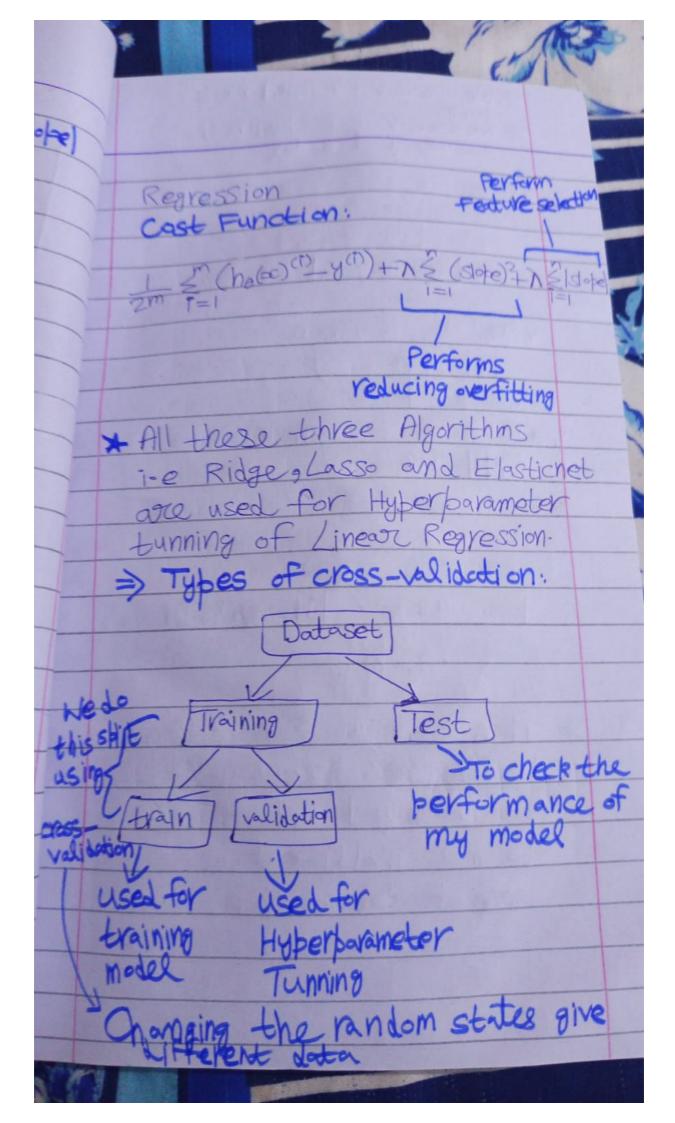
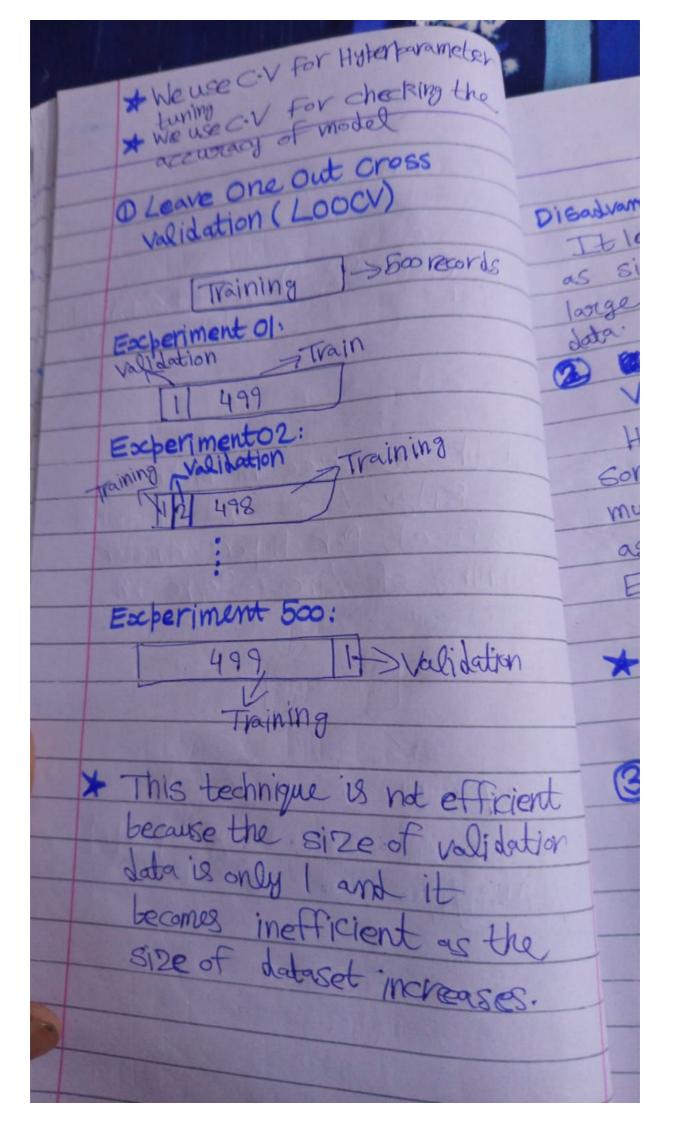
used to reduce over Fitting Bidge Regression: (12 Regulari Overfitting: Train date > High Accuracy -> Low Bias Test dada > Low Accuracy -> High Various * We use Ridge Regression to reduce overfitting (we should never get accuracy of 100% on training data) * Suppose by using Linear Regression we get a model which is overfitting to tackle which is overfitting to tackle it we will use Ridge Regression It actually do Hyperparameter tunning

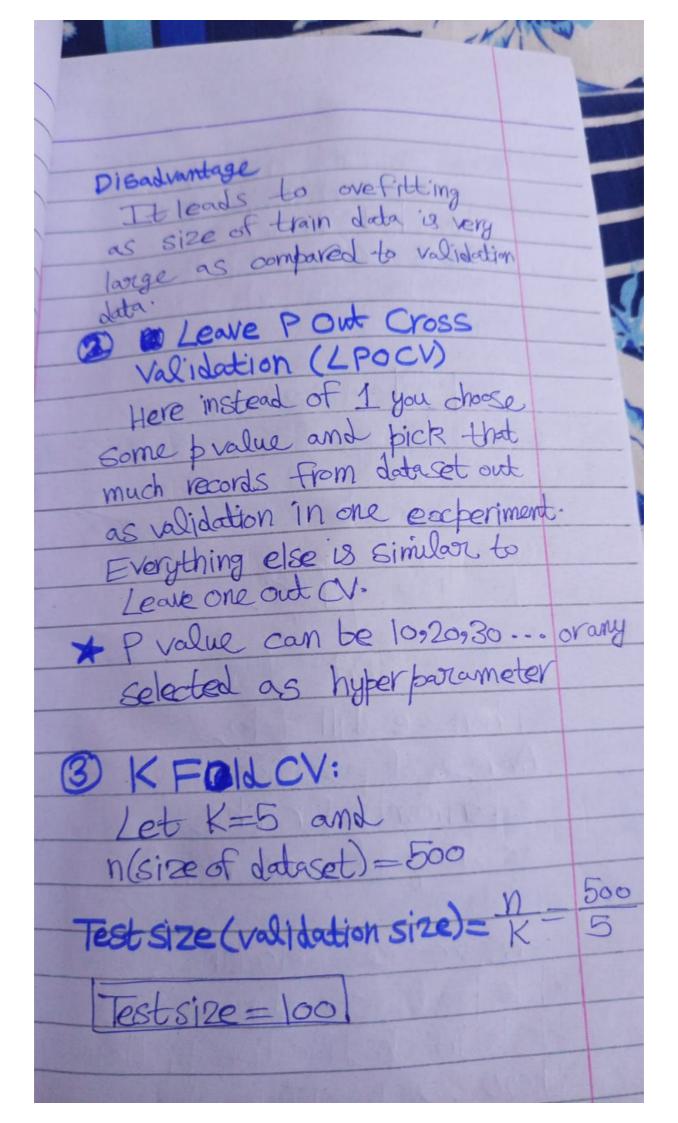




Relationship Hw 7 and Islote 20-2 04 0.5 0 60 8 > Means by increasing but difference is that in Ridge Regression it don't become 0 but in Lasso Regression it become o means that loasely correlated feature get removed. 3) Elasticnet Regression: O Reduce overfitting @ Feature Selection. > It is combination of both Ridge and Lasso







Experimental Train 100 400 Validation Experiment 02: Tes Validation Nou Experiment of: train nun 9009 100 400 (60 validation Train *Then we will take Average of accuries of all (5) experiments for the Disadvantage: As we we selecting a whole part as continuous block in classification problem there is possibility.

we get only one type of data in whole validation dataset @ stratified K fold C.V. Let K=5 and n=500 Test (validation) data size= n =500 Test size=100 Now it choose loo records from train dataset so that the number of outputs in validation dataset are almost equal like (600°S 401°S). * Every othor thing is similar to KFOld COV (5) Time Series C-V: · e.8 Product Sentiment Analysis > Reviews =) Base one time Let JAN -> DEC from JAMO-> April (Reviews core then become good

