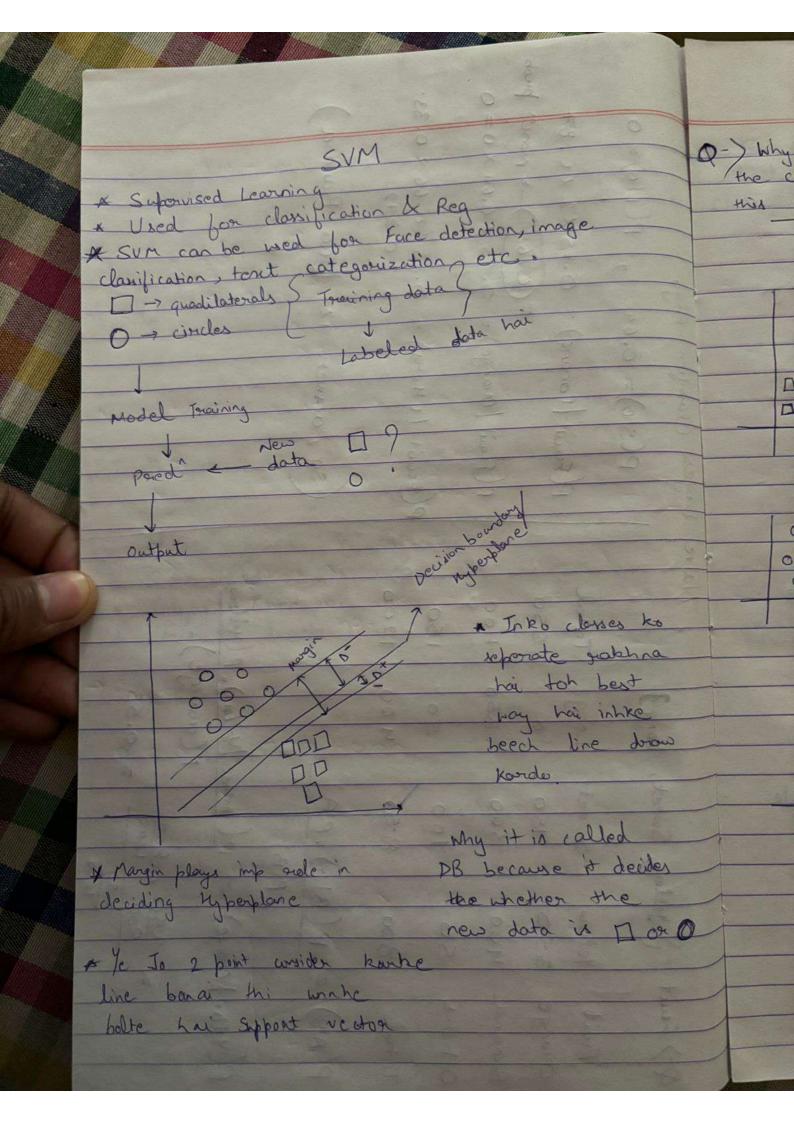
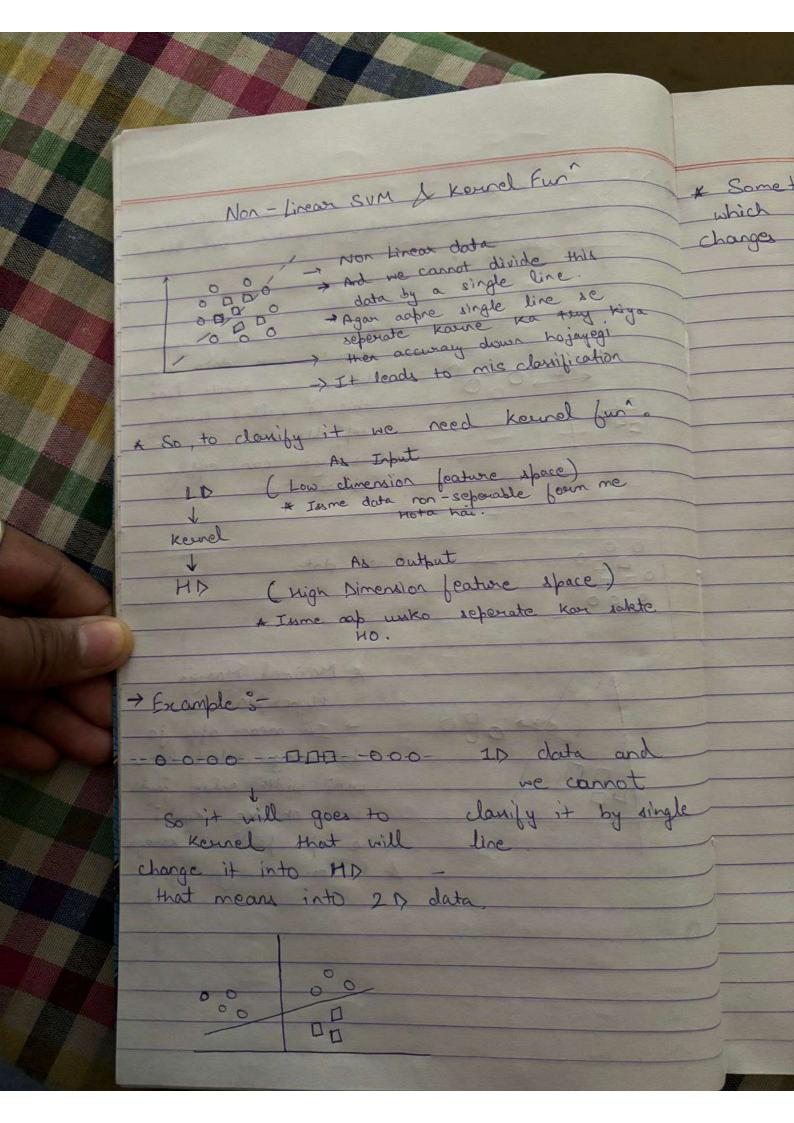


	Naive Bayes Classifier Algo P(SIO) = 0.69, P(LIO) = 0 Total P(Finit Barara) = 0.75 ×1 × 0.87
Omange 850 450 0 Banana 400 300 350 Others 50 100 50 Total 800 850 400	G50 P(Fruit (orange) = 0.58 x 0.60 x 0 = 0 150 P(Fruit 10 theres) = 0.83 x 0.66 x 0.33 1200
P(AB) = P(BIA).P(A) P(B) P(Yollow) Grange) = P(mange Yollow).P P(grange)	P (Yellow) E) (So, answer is free Banara)
2 350 x 800 800 x 1200 = 0.53	



Q-) Why we have make this line to reperate re can also make lines tibe His also * When we can just separate our data by drawing a single line this is called linearly seperable data & on this you can apply linear SVM. > Non linear data 000 ODDO * Maximal Margin Hyperplane) It means app jo bhi margin beleat hano whi width sobre jayda honi chahiye, Kyuki we he apki pered achi kanega A botter accuracy dega



* Sometimes we have to give 20 data which is non-seperable then kernel fun changes into 3-1 plane.