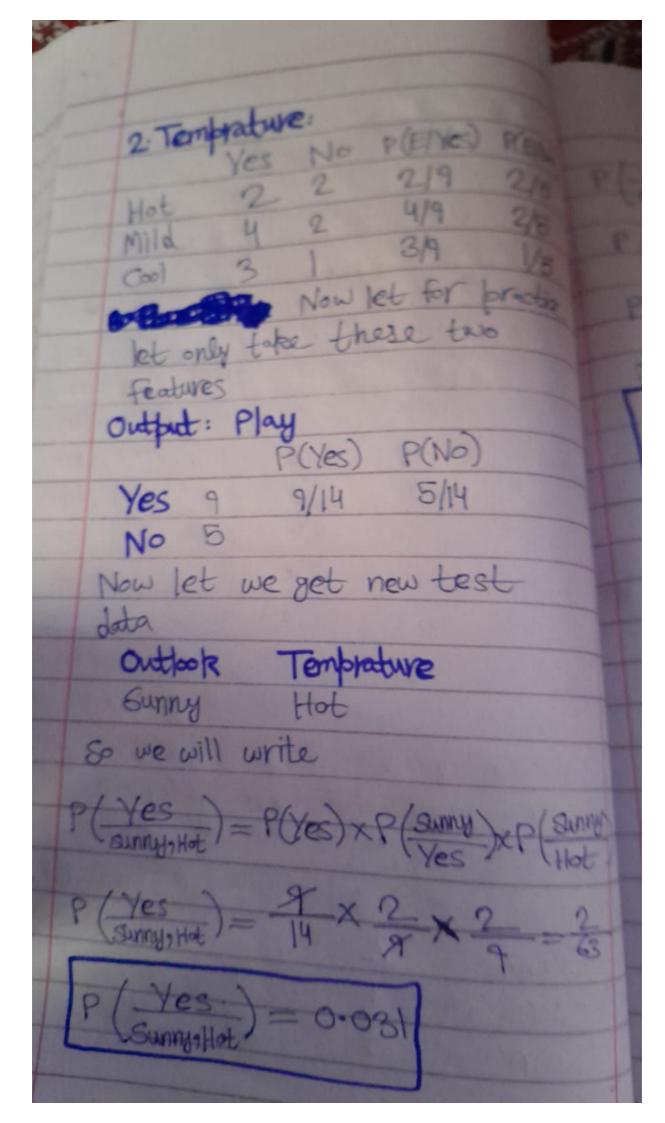
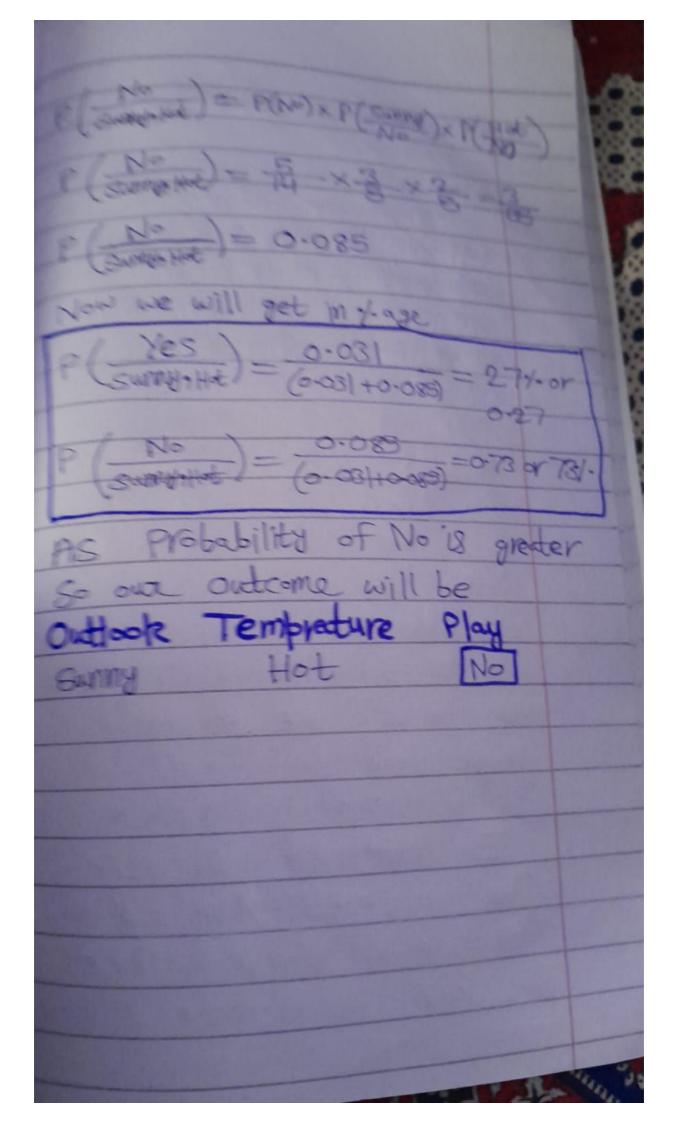
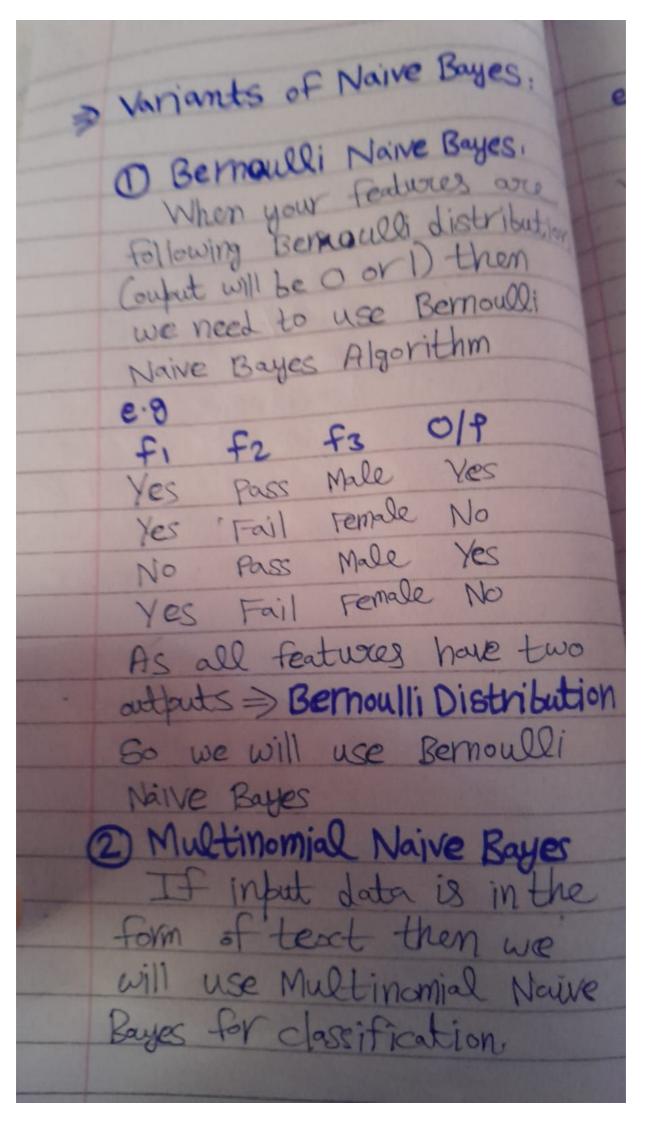


P(No) X P(A) XP(A) XP(A) XP(A) P(ac) x P(ac) x P(ac) Now we can see that M both P (Yes) and P(No) I am getting some thing constant in remainder which we can ignore P(Yes) = P(Yes)x P(xx)xP(xx)xP(xx) P(No) = P(No) x P(DCI) x P(DC) XP(D) so, when we get a new test data we will calculate both Yes and No probabilities using above formula and assign class with most probability.

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en Spem Chssifier Email Spam / Not Spam You wan million Sports pollos lottery you got job Not Spam . We convert these centerces indo numerical values (vedors) using Natural Language Processing (NA) 3 Graussiam Naive Bayes: If the features are following gaussiam distribution (Bell curved), then we use Gaussian Naive Bayes eg IRIS detaset · Features are continuous eg Ages Height , weight etc. Age Heizht Weizht Yes/No Yes 718 25 170 No 75 160 28 Yes 65 150 27

