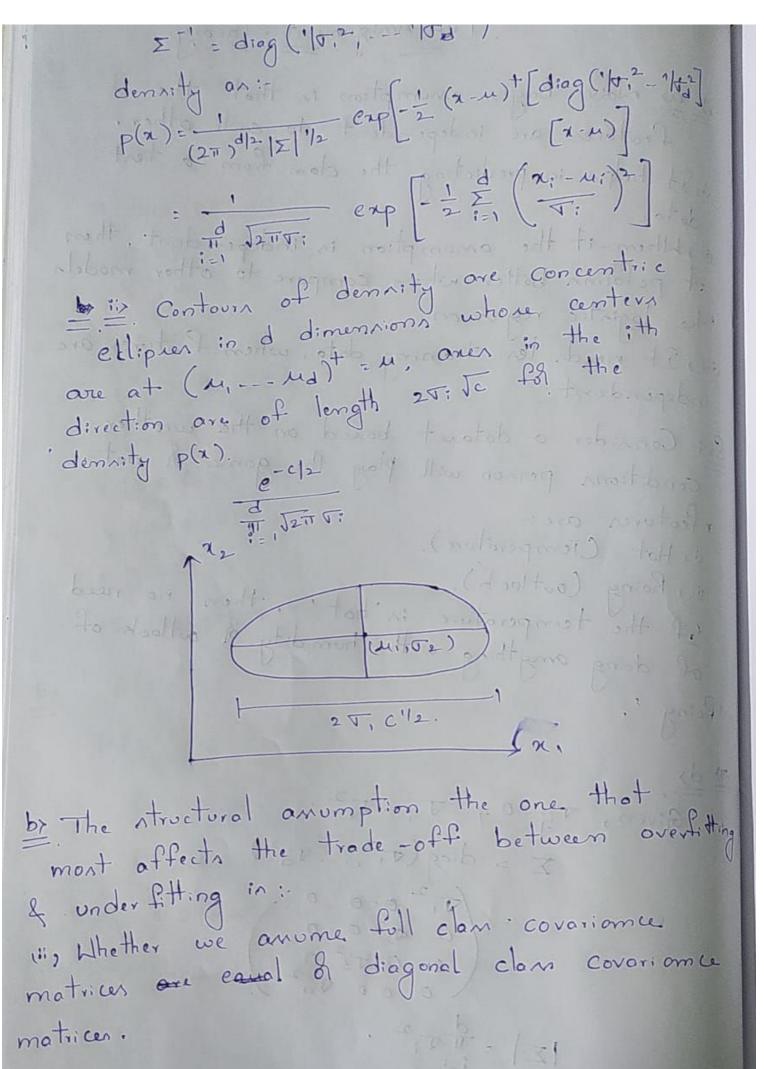
Mite Anignment . Theory or as Moive Bayer anomption in that the features are independent to each other. ist helps in predicting the clan from a test. When it the anomption is independent, then it petolma better when compare to other models like logistic regression. independent. independent. Pair Consider a dataset based on the weather conditions person will play the game of not. * features are :in Hot (Temperature). ii, Kainy (outlook) . -If the temperature in hot , then no need of doing anything with humidity & outlook of Kainy . in Given, Tieo, Tie=Ti2. Z = \(\sqrt{0.200} \) = \(\sqrt{0.200} \) \(\sqr 000 5302 IE = 9 5,2.



Given, P(x/wi) = N(0,1). P(x/w2) = N(12). M, = 0 V , = 1 112=1 **灯**2:2. amome eaual prior probabilities., means

p(w1) = p(w2) = 0.5.