

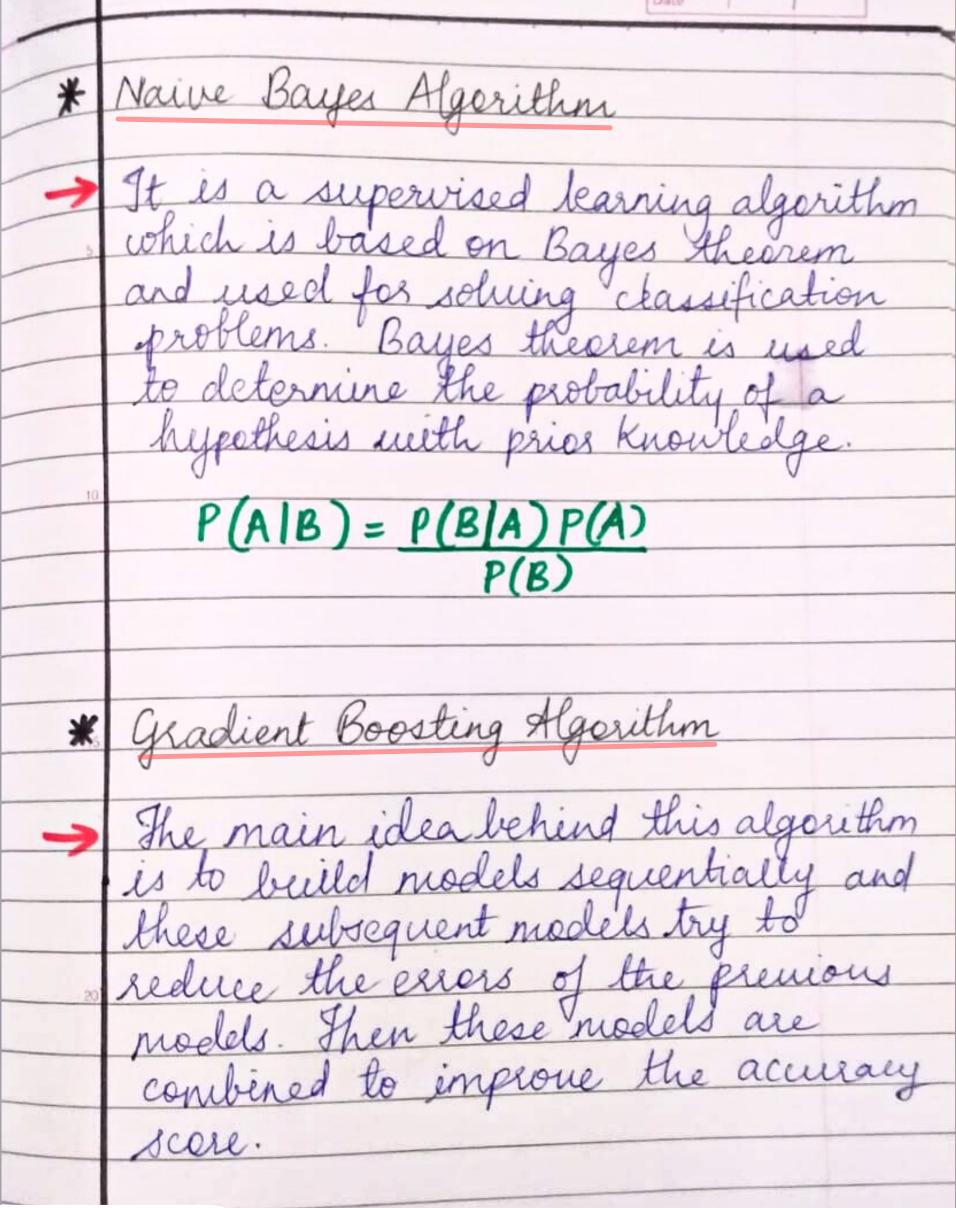
\* Logistic Regression It is a classification algorithm used to estimate discrete values (values like 0/1, yes/no) based on given set of independent variables. Hs output value lies between 0 and 1. Ilses the signoid function. \* Decision Tree It is a supervised learning algorithm used for classification problems which works for both categorical In this algorithm, the population is split into two or more homogenous sets. It uses different Lechniques like Gini Impurity, Information Gain, Chi-square entropy.



## SVM (Support Vector Machine) In this algorithm, each data item is plotted as a point in a ndimensional space (n-number of features) with the value of each feature being the value of a particulas co-exdinate. A classifier line is then found between the features. Depending on where the testing data lands, the data is classified accordingly. \* Random Forest A collection of decision trees is called as Random Ferest. Fo classify a new object based on its attributes, each tree is classified and the tree votes for that class. The forest chooses the classification having the most

votes.







## MAKE YOUR CAREER IN DATA SCIENCE & ANALYTICS

HAND-ON **LEARNING** 

**1-1 DOUBT CLEARANCE SUPPORT** 

**CAPSTONE END-TO-END PROJECTS** 







SOL



**Statistics** 



Machine Learning



Deep Learning



**ML Projects** 



**DL Projects** 

















VISIT OUR WEBSITE FOR MORE DETAILS