	Date Page
	Heart disease détection Page
. A	hantial demination: - How never done to
. 15	Jeon skleain nain - bayes import
26.63	from resplean naving bayes import
	P/11 = P (X/1) P (1) 9
1	Rath (Xu) ward ward (xX) the s
3	P(y) = P(X/y). P(y) Leanung core (10x) your large (xx) the special formation
	haussian Naim Bayes = Smithe, fast algorithme based on Bayes' theorem
	algorithm based on Bayes' theones
•	
7.	Gaussian = assumes features are nomally
	distributed (bette eure snape)
BAY	ES THEOREM: WILL
lets	ES THEOREM: rule un probability theory that us update our brief about a condition we get new evidence.
hiher	me get new estidents a condition
	· 图像是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
建	P(A/B) = Probability of A given B
1	grom sklearn ensemble import
	from sklearn ensemble import Randomforest Classifier
. (Random forest = Man Doi 1
	Random forest = Marry Decision trees + Voting
	(B/A) = Perobability of B grien A
	P(B) = probability of A (prior)
1	P(B/A) = Perobability of B grien A P(A) = probability of A (prior) P(B) = "" B (evidence)
	P(class) Geatures) = P (Features/Class). P(class)
	R(Features)

impost a from skleann ensemble from bradent Boosting Massifier. truis to find one best boundary while Random fonest builds multiple their in parallel & compines their notes, Bradient Boosting builds them one at a Time, each one trying to fix the errors of the previous one. 1. Starting with a dump model 2. cleans from mistakes 3. Add new connection to previous prediction 4. Repeat final Model: y = true value

y = 1st weak prediction

y = yo + correction. Ifinat jo + & Treen(1) y= y, + correction2 · Jean skleam preprocessing import Standard Scaler Standardizes the features (i.e. makes all columns have mean=0 . Std dev = 1) distance based (i.e get conjused ij one feature dominatus others) from sklearn. neighbours import Kneighbons Classifier class of new data point.

