



LA CARARATA CARARATE

Pisk using KNN with K=3

Traing Dataset (5' patients)

ID	Age (yrs)	Cholestrol (moles)	Blood pressure	Risk class
1	25	190	80	low
2	45'	230	90	high
3	30	200	85'	low
Ч	80	220	98'	high
3	40	210	88	tow

Test Dater

Features = (Age = 38, Chol = 215, BP=91)

K=3

Ster	1; Compute Distances to	, test	prints
	d(i)= ((Age: -38)2+(cho1: -215)		
ID		Distance	Bisk
2	T(45'-38)2+ (230-215)2+(90-92)2= 1278	16.67	High
1	[[28-38]2+(190-215)2+(80-92)2=[938	30.63	(ow
	[(30-38)2+(200-215)2+(85-92)= 1338	18.39	low
	1(50-38)2+(220-215)2+(45-92)2=1178	13.34	High
1	T (40-38)2+(210-215)2+(88-92)2-145	6.71	low





Date:

Step 2 Sort	Pic by Dist		Neavest Ne	igh bors			
1 2 3	1D5' → 1D4 → TD2 →	18.34	Low High High	12=3			
4 8	JD1 -)	30.63	low				
Step 3 Majority Vote							

Neighboys classes = [low, high, high]

Predictected = High.