Date: 01 data: 1) plot data: 1) find SVs 3 use a suitable kennel. -> As this data is linearly seperable we -> As this awy ...

will use polynomial kernel:

la * b + r) d = degree of polynomia coefficient of variable data points because me have 3 points (SVs) me will have three combinations from where we draw coefficients of variables. > DOCTO CONTROL J, QS, S, + M2 S, S2 + M3 S, S3 =-1 $\Pi_{1}S_{2}S_{1} + \Pi_{2}S_{2}S_{2} + \Re_{3}S_{2}S_{3} = +1$ 7,535, + 735352 + 735353 = +1

Date: +1