y lidx ->0 tig = pll. figure -1, up.noy \K - ' , K--' x0, x1-p

color = 'green' y prediction = = 1 else 'olang'

[abol = f Now Point : class ?" 1" if prediction == 1

Place "O" Ty | Description | 10 7 plt-scatter (new point so], new point so C = Color, s=100, edge color: black', le ax leoperd () plt. xlabel ("feature I") It . y (abel (" Feature 2') "SVM withe new Point predictor X = np.orray [[ [8,2], [9,2], [10,2] y= np. array ( [0,0,0,1,1,1] newpoint of array (I CS, 5 ]] sum. sit(x, y prediction = evm. predict (new-point) [0] Rum. visualize (x, y, new-point=new-point[0], prediction-prediction print (f"new point { new point so]} elassified as: f'clan 1' y prediction == I els class 0'3" >

