23.06.21 DW-DM END-SEMLAB Ganesh Sethu 18BCS037 U18CSI6203L Support Vector Machine (SVM) SVM is used for solving classifications problems which have tabelled data set and fall under the category of Supervised Learing. (SVR) - support Vector Regression algorithm is used to classify the "items, CSV" produtaset Radial Basis Junction (RBF) kernel RRF is sklearma library function. Formula, K(a,b)=ae-Y11a-b112 gama (i.e 1 = 0.8 as given in question) *11a-612 is the squared distance + I is scalar and defines the influence Inference. In Today's exam, I parformed SVM(9264) on items, CSV dataset to classify the data in the dataset with help of the attributes in the trataset, The Model used is support Vector regression and radial browns function Kernel with gamma = 0.8. Prediction values were obtained and confusion natrix value were displayed, Accuracy of SVM = 0.875.