MINOR PROJECT - 4

(COGNITIVE APPLICATION)

BUILD AN SVM CLASSIFIER FROM SCRATCH

Support Vector Machine is a type of supervised learning algorithm which is extremely useful when we are dealing with datasets having more than 2 features, i.e., 3 or more dimensional data. This algorithm is clean and accurate even when our model is trained on complex non-linear data. After training, the algorithm creates a hyperplane where each classification is done in such a way that each type of data is present on either side of the hyperplane.

Here you are required to build an SVM Classifier from scratch based on the live session conducted.

For the final submission either provide us with the link to the GitHub repositoryor upload your .ipynb file.