

# **Experiment 9**

## **Aim:**

Write a program to implement SVM classification algorithm.

## **Theory:**

Support Vector Machines (SVM) is a supervised machine learning algorithm used for both classification and regression tasks.

SVM classification experiment focuses on classifying data into two or more classes using the SVM algorithm.

The primary goal of SVM classification is to find the optimal hyperplane and the nearest data points from each class known as support vectors.

## Flowchart:

