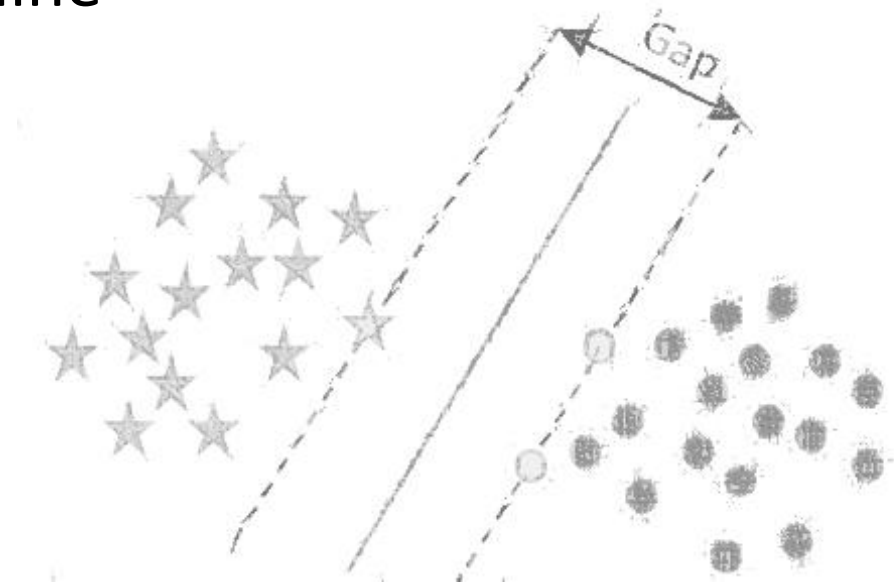


CLASSIFICATION

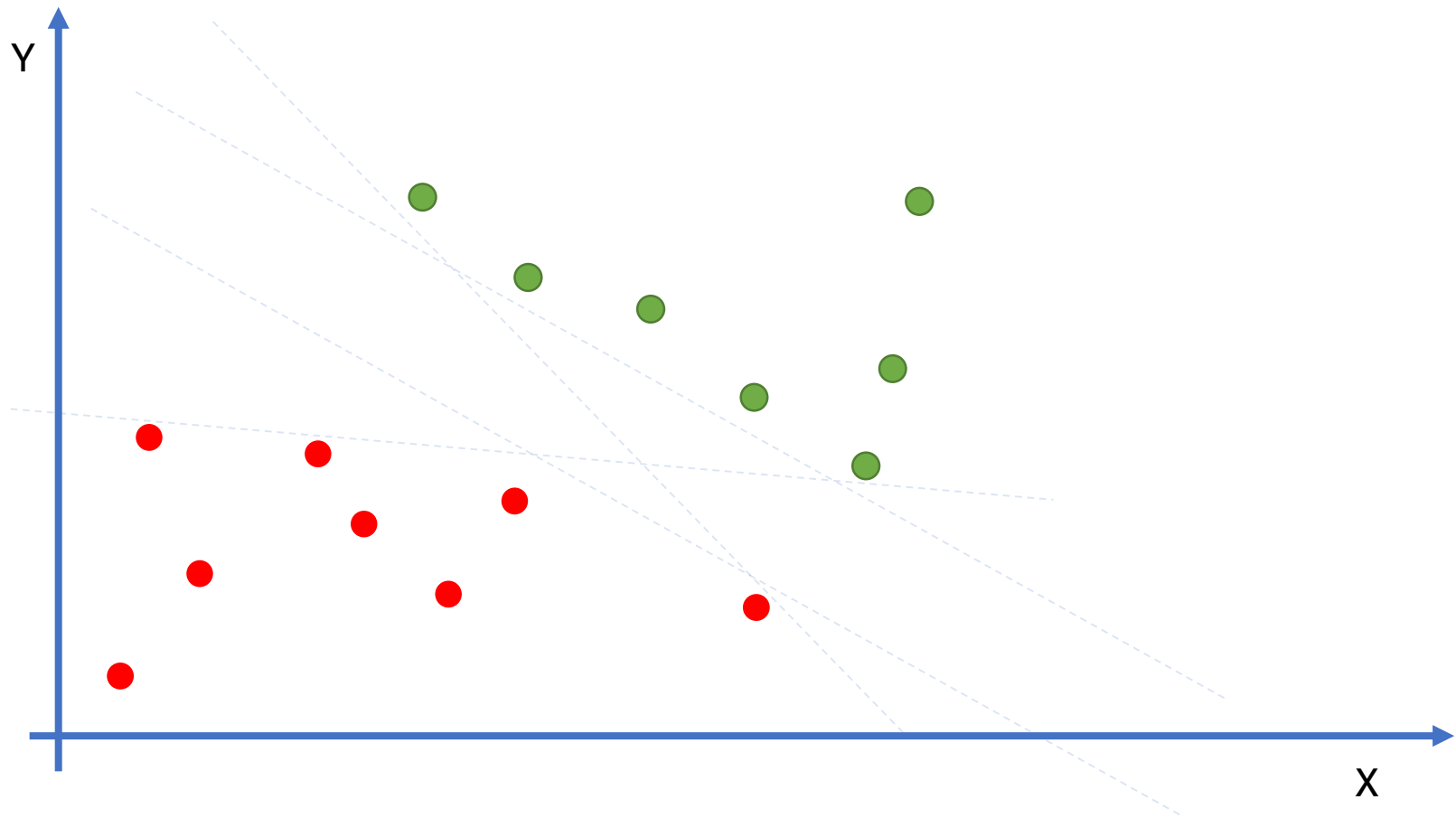
Support Vector Machine



What is SVM

- The goal of a support vector machine is to find the optimal separating hyperplane which maximizes the margin of the training data.

Example 1 – Maximum Margin Classification



Multiple problems

- Biased Classification
- Optimal separation