

# LAB#08

Artificial Intelligence  
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# Lab Objectives

Implementation  
of SVM  
Algorithm

Understanding  
Randomized  
Search CV

# Randomized Search CV

- A technique for hyperparameter tuning available in sklearn
- Hyperparameter Tuning:
  - To find out the best values of hyperparameter for an algorithm

# Lab Task#01

- Implement SVM Algorithm on Iris Dataset from sklearn

# Lab Task#02

- Implement SVM Algorithm on breast cancer dataset using Randomized Search CV