

# Breast Cancer Detection Project: Final Report

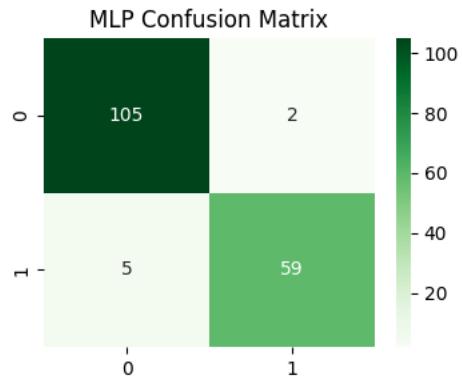
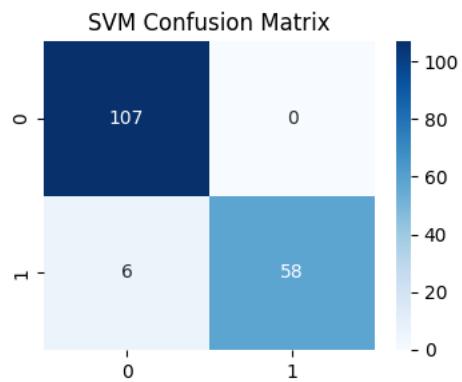
**Project Overview:** Implement ML models for breast cancer detection using WDBC dataset.

## Task 1: Data Preprocessing & EDA

- Cleaned dataset, encoded labels, standardized features.
- Class distribution: Benign=357, Malignant=212.

## Task 2: Baseline Models

- SVM Accuracy: 96.49%
- MLP Accuracy: 95.91%



## ROC Curves:

