# MARKETING DATASET

## KNN

Best params:

Best Hyperparameters: n\_neighbors=15, p=2, weights=distance

Best Cross-Validation Accuracy: 0.8718

A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of

Description automatically generated

Varying K with uniform weight

A graph with red and blue lines

Description automatically generated

A graph with red and blue lines

Description automatically generated

With distance weight

A graph showing the results of a training course

Description automatically generated with medium confidence

Learning curve with k=15

## SVM

Best Hyperparameters: C=10.0, kernel=linear, gamma=None, degree=None

Best Cross-Validation Accuracy: 0.8845

A screenshot of a graph

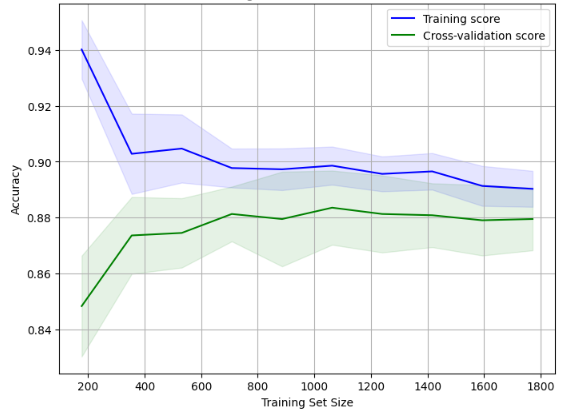
Description automatically generated

SVM tuning

A graph of a graph showing the results of a training course

Description automatically generated with medium confidence

LC without shuffle or random\_state



With shuffling and random state