

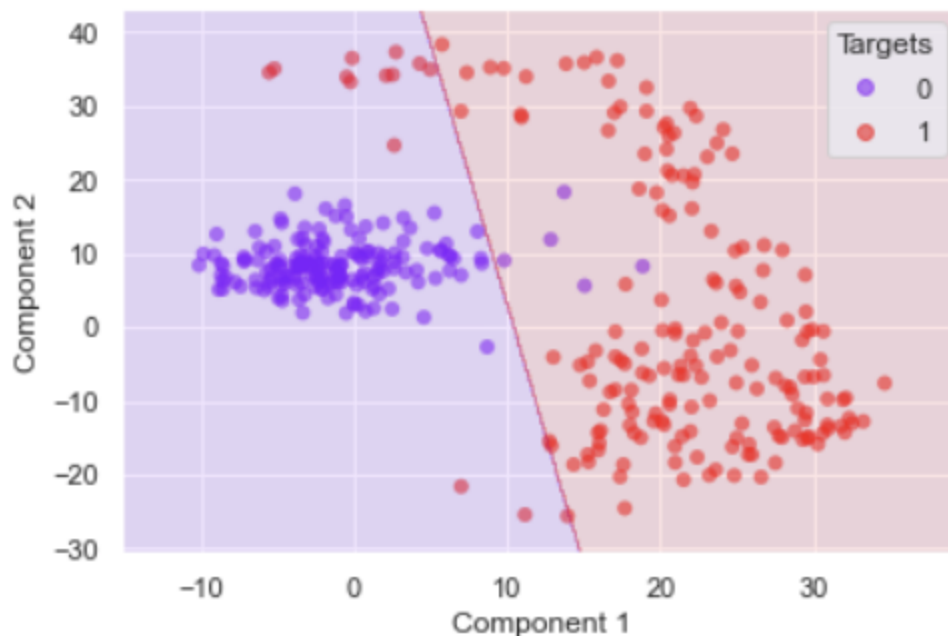
Sample results week 11

0.1) Train a Least Squares classifier, perform a prediction on the samples, and compute the accuracy

```
accuracy(preds, t)
```

```
0.9472222222222222
```

0.2) Plot the decision boundary for least squares classifier

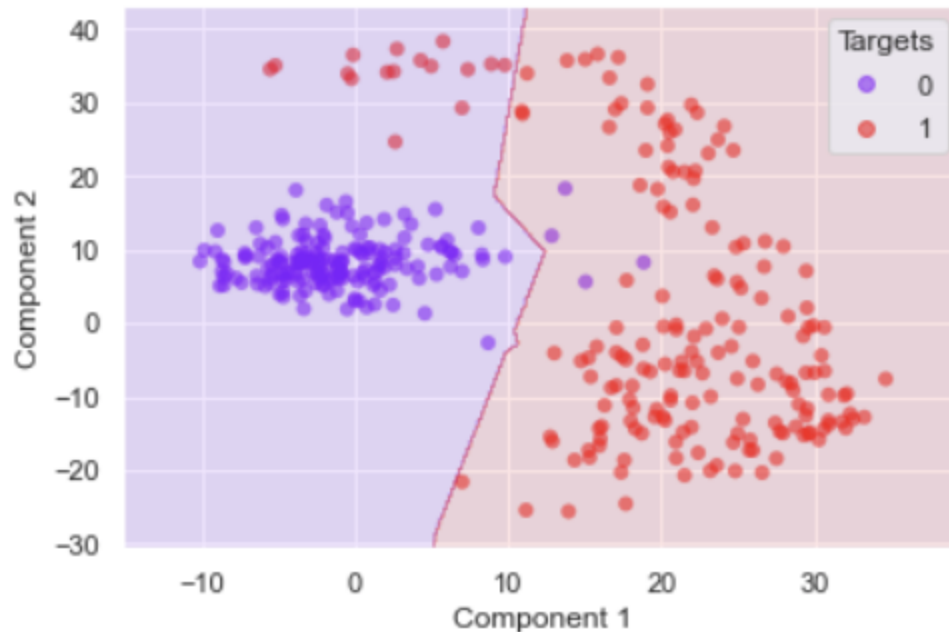


1.3) Perform a prediction on the whole dataset using committee of classifiers and compute the accuracy

```
accuracy(preds_com, t)
```

```
0.9444444444444444
```

1.4 Plot the decision boundary for committee classifier

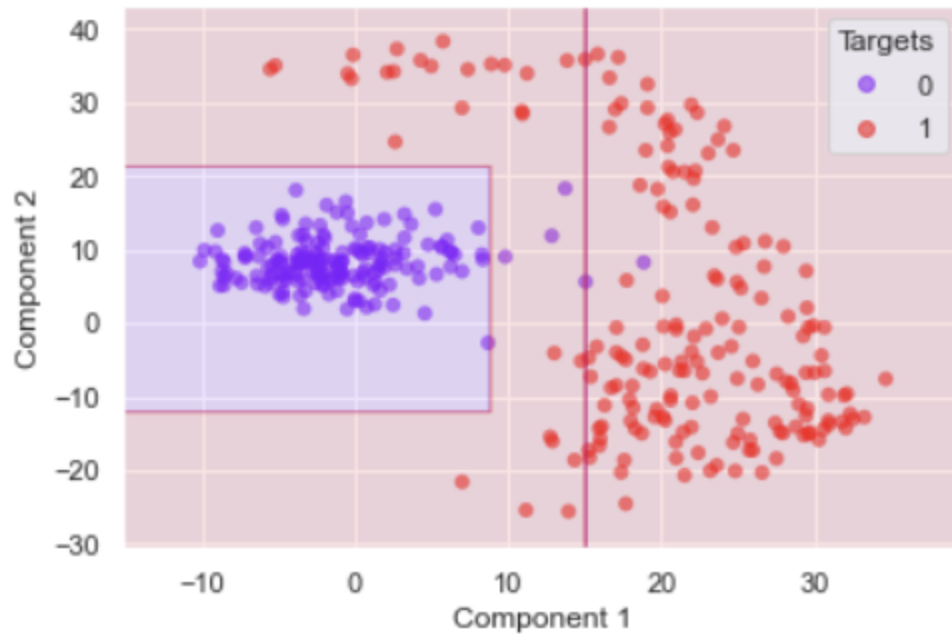


2.1) Fit a `DecisionTreeClassifier` using `scikit-learn`, perform a prediction on the data, and compute the accuracy

```
accuracy(preds_tree, t)
```

```
0.9888888888888889
```

2.2) Plot the decision boundary for the `DecisionTreeClassifier`



3.1) Create an AdaBoost classifier of DecisionTreeClassifiers using the `scikit-learn` library

```
accuracy(preds_ab, t)
```

1.0

3.2) Plot the decision boundary for the AdaBoostClassifier

