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Learning Models

Syntax

```
from sklearn.metrics import classification_report
# y_true: True labels
# y_pred: Predicted labels
# target_names: List of target class names
report = classification_report(y_true, y_pred, target_names=["class1", "class2"])
```



```
from sklearn.metrics import confusion_matrix
# y_true: True labels
# y_pred: Predicted labels
conf_matrix = confusion_matrix(y_true, y_pred)
```



```
from sklearn.metrics import mean_squared_error
# y_true: True values
# y_pred: Predicted values
# sample_weight: Optional, array of sample weights
mse = mean_squared_error(y_true, y_pred)
```

