



```
from sklearn.model_selection import train_test_split
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=42)
```

```
from sklearn.preprocessing import StandardScaler
scaler = StandardScaler()
X_scaled = scaler.fit_transform(X)
```

```
from sklearn.metrics import log_loss
loss = log_loss(y_true, y_pred_proba)
```

```
from sklearn.metrics import mean_absolute_error
mae = mean_absolute_error(y_true, y_pred)
```

```
from sklearn.metrics import mean_squared_error
mse = mean_squared_error(y_true, y_pred)
```

```
from sklearn.metrics import mean_squared_error
import numpy as np
rmse = np.sqrt(mean_squared_error(y_true, y_pred))
```

```
from sklearn.metrics import r2_score
```