



```
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
```