

- The columns selected for prediction,
- The training and testing split,
- The SVM model building, and
- The accuracy.

Column prediction selected: **Survived**

Training and testing:

```
# Split data into our test and training datasets
from sklearn.model_selection import train_test_split

X_train, X_test, Y_train, Y_test = train_test_split(x, y, test_size=0.3,
random_state=0)
```

SVM model building

```
# Fit (train) the Support Vector Machine classifier
svm_clf = SVC()
svm_model = svm_clf.fit(X_train, Y_train)
```

Accuracy:

```
print("Accuracy {0:.2f}%".format(100*accuracy_score(svm_prediction, Y_test)))
```

Accuracy 71.64%