

Python For Data Science *Cheat Sheet*

Scikit-Learn

Learn Python for data science **Interactively** at www.DataCamp.com



Scikit-learn

Create Your Model

Supervised Learning Estimators

```
Linear Regression
>>> from sklearn.linear_model import LinearRegression
>>> lr = LinearRegression(normalize=True)

Support Vector Machines (SVM)
>>> from sklearn.svm import SVC
>>> svc = SVC(kernel='rbf')
```

Evaluate Your Model's Performance

Classification Metrics

Accuracy Score	
>>> knn.score(X_test, y_test)	Estimator score method
>>> from sklearn.metrics import accuracy_score	Metric scoring functions
>>> accuracy_score(y_test, y_pred)	
Classification Report	Decision class for each