

Special: RandomForestRegression

```
forest = RandomForestRegressor(n_estimators = 100,
                              criterion = 'mse',
                              random_state = 1,
                              n_jobs = -1)

#test train split
X_train, X_test, y_train, y_test = train_test_split(X_final, y_final, test_size = 0.33, random_state
= 0 )

#standard scaler (fit transform on train, fit only on test)
sc = StandardScaler()
X_train = sc.fit_transform(X_train.astype(np.float))
X_test= sc.transform(X_test.astype(np.float))

#fit model
forest.fit(X_train,y_train.values.ravel())
y_train_pred = forest.predict(X_train)
y_test_pred = forest.predict(X_test)

#print score
print('forest train score %.3f, forest test score: %.3f' % (
forest.score(X_train,y_train),
forest.score(X_test, y_test)))
```