

Metrics of the Model

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In [111]: X_train,X_test,y_train,y_test=train_test_split(X,y,test_size=0.1,
                                                    random_state=np.argmax(scores),
                                                    )
lr=LinearRegression()
pipe=make_pipeline(column_trans,lr)
pipe.fit(X_train,y_train)
y_pred=pipe.predict(X_test)
r2_score(y_test,y_pred)
```

```
Out[111]: 0.9200894544056878
```