

### Random Forest (Hyper Tunning Parameters)

n_estimators	Random_state	R2 Value
10	0	0.925
	1	0.934
20	0	0.936
	1	0.943
30	0	0.939
	1	0.937
40	0	0.942
	1	0.944
50	0	0.944
	1	0.939
60	0	0.945
	1	0.943
70	0	0.942
	1	0.940
80	0	0.943
	1	0.943
90	0	0.942
	1	0.945
100	0	0.946
	1	0.941

**Result:** It is concluded that the RandomForestRegressor with n\_estimators=100 and random\_state=0 provides the best model.