

1.XGBOOST

Si.no	random_state	learning_rate	R value
1.	random_state=10	learning_rate=0.1	0.84
2.	random_state=10	learning_rate=0.01	0.76
3.	random_state=10	learning_rate=0.2	0.83

n_estimators	learning_rate	R value
n_estimators=200	learning_rate=0.1	0.83
n_estimators=200	learning_rate=0.2	0.81
n_estimators=350	learning_rate=0.1	0.82
n_estimators=350	learning_rate=0.05	0.83