

XG Boost Algorithm (Extreme Gradient Boosting)

Hyper-Tuning Parameters & r_score value

S.No	n_estimators	booster	max_depth	learning_rate	r_score
1.	100	gbtree	3	0.01	0.7664
2.	200	gbtree	4	0.02	0.8898
3.	100	dart	3	0.01	0.7664
4.	200	dart	4	0.02	0.8898
5.	300	dart	3	0.01	0.8909

R_score Value = 0.8909

(n_estimators =300, booster='dart', max_depth=3, learning_rate=0.01)