

MACHINE LEARNING REGRESSION

50_STRATUP

RANDOM FOREST REGRESSION

1.The Decision Tree Regression best **R2-Score** Vaule
=**(mean,auto,best)=(0.9168)**

2.And Also, The Decision Tree Regression best **R2-Score** Vaule =
bootstrap=False=(0.9516)

S.NO	CRITERION	MAX_FEATURES	R2-SCORE
1	mse	sqrt	0.9168
2	mse	log2	0.6630
3	mae	sqrt	0.8076
4	mae	log2	0.8674
5	friedman_mse	sqrt	0.7372
6	friedman_mse	log2	0.7900

R2-SCORE

1)n_estimators=100	0.9341
2)max_depth=1	0.7528
3)max_depth=2	0.9186
4)min_impurity_decrease=0	0.9208
5)bootstrap=True	0.9323
6)bootstrap=False	0.9516