Random Forest:

50_Startups.csv is input for this program.

To found the best model in random forest algorithm by passing different parameter.

S.No	Criterion	max_features	R2_score
1	squared_error	sqrt	0.6830022367685868
2	squared_error	log2	0.6830022367685868
3	squared_error	None	0.944633639431341
4	absolute_error	sqrt	0.7222351871476136
5	absolute_error	log2	0.7222351871476136
6	absolute_error	None	0.9401935247161504
7	friedman_mse	sqrt	0.6889182130535486
8	friedman_mse	log2	0.6889182130535486
9	friedman_mse	None	0.9388957628188894
10	poisson	sqrt	0.720862466757838
11	poisson	log2	0.720862466757838
12	poisson	None	0.9463549705311108

Highlighted model is best model based on r2_score value.