Assignment:

Random Forest Regressor_hyper paramenter with R2_score values

Sl.No	n_estimators =100	criterion	max_features	C_Value	
1	100	-	-	0.8250491220 17278	
2	100	squared_error	sqrt	0.8388 598173 145339	
3	50	squared_error	squrt	0.8369 776106 713841	
4	100	squared_error	log2	0.8388 598173 145339	
5	50	squared_error	log2	0.8369 776106 713841	
6	100	friedman_mse	squrt	0.8390 780475 542116	
7	100	friedman_mse	log2	0.8390 780475 542116	
8	50	absolute_error	sqrt	0.8431 931214 38361	Best Model
9	50	absolute_error	log2	0.8431 931214 38361	Best Model
10	50	poisson	sqrt	0.8409 579434 651613	
11	50	poisson	log2	0.8409 579434 651613	

12	100	poisson	log2	0.8417 099421 816833	

n_estimators=50, random_state=0, criterion='absolute_error', max_features='sqrt' R_value=0.843193121438361

n_estimators=50, random_state=0, criterion='absolute_error', max_features='log2' R_value=0.843193121438361