Decision Tree Regression

S.No	Criterion	Splitter	Max features	R2
1	Poisson	random	log2	0.7443
2	squared_error	random	log2	0.6639
3	friedman_mse	random	log2	0.6956
4	absolute_error	random	log2	0.7216
5	squared_error	best	sqrt	0.7144
6	Friedman_mse	best	Sqrt	0.6227
7	Absolute_error	best	Sqrt	0.7550
8	Poisson	best	sqrt	0.7317

Random Forest Regression

S.No	n_estimator	criterion	max_features	max_depth	R2
1	50	Squared_error	sqrt	50	0.8522
2	50	absolute_error	sqrt	50	0.8527
3	50	friedman_mse	sqrt	50	0.8471
4	50	poisson	sqrt	50	0.8464
5	100	Squared_error	log2	80	0.8469
6	100	absolute_error	log2	80	0.8500
7	100	friedman_mse	log2	80	0.8537
8	100	poisson	log2	80	0.8533

Support Vector Regression

S.No	Kernel	C	R2
1	rbf	100000	0.8703
2	linear	100000	0.7646
3	poly	100000	0.8473
4	sigmoid	100000	-0.0041

Multiple Linear Regression - 0.7100D:\AI assignment