

## 50 Start Up Assignment

Decision Tree				
S.No.	criterion	splitter	Dependent	
1	default=squared_e	default=best	0.906111171	0.915475
	squared_error	best	0.916329761	0.888988
2	default=squared_e	random	0.95120883	0.888995
3	friedman_mse	best	0.92107254	0.910554
4	friedman_mse	random	0.748012269	0.841181
5	absolute_error	best	0.960544427	0.881565
6	absolute_error	random	0.396623949	0.881565
7	poisson	best	0.739061399	0.727565
8	poisson	random	0.712355232	0.280655

As per Yogana comment, difference in result on each run for same parameter is based on data used. In real time, it would be same irrespective of multiple runs with same parameters

