





U)	The computational capacity of training a decision tree is given by:
	O (n xm logm)
	Therefore, if we were to multiply the training set by 10, the training time will be multiplied by $K = D \times 10m \times log 10m$ $N \times m \times log m$
	= 10 log 10m
	Jogm if $m = 2 \times 10^{\circ}$ $K = 10 \times \log (10 \times 2 \times 10^{\circ}) - 11.59$ $10g(2 \times 10^{\circ})$ The time taken by 20 million instances will be $2 \times 11.59 = 23.17$ hours
	:- The time taken by 20 million instances will be 2 x 11-59 = 23.17 hours