www. of ryll -> root node.

		• •	1 11340	
age	income	student	credit_rating	buys_computer
<=30	high	no	fair	no
<=30	high	no	excellent	no
3140	high	no	fair	yes
>40	medium	no	fair	yes
>40	low	yes	fair	yes
>40	low	yes	excellent	no
3140	low	yes	excellent	yes
<=30	medium	no	fair	no
<=30	low	yes	fair	yes
>40	medium	yes	fair	yes
<=30	medium	yes	excellent	yes
3140	medium	no	excellent	yes
3140	high	yes	fair	yes
>40	medium	no	excellent	no

20 to # 120%

Info(D) = I (8,4) =
$$-\frac{1}{12}\log_2\left(\frac{8}{12}\right) - \frac{5}{12}\log_2\left(\frac{5}{12}\right) = 0.919$$

Info₉₂(D) = $\frac{4}{12}$ I(2,2) + $\frac{3}{12}$ I(3,0) + $\frac{5}{12}$ I(3,2) = 0.4558

790	Pi	ηı	I (P; , n;)
/=30	2	ک	0.3617
3140	3	0	0
740	3	2	0.4046

income	Pi	ηı	I (P; , N;)
hiah	ما	2	0.8617
Medium	4	1	0.8271
low	2	1	0.7296