Date: Dacision Trees Study MultiPlication of Probabilities (non-indipende  $\frac{m}{1-0}$   $\log \left(\frac{m}{m+a}\right) - \frac{n}{m+0} \log \left(\frac{n}{m+a}\right)$ Internation galo: Entropy (Parent) - 1 Entropy (child 1) + Entropy (child 1) + Entropy