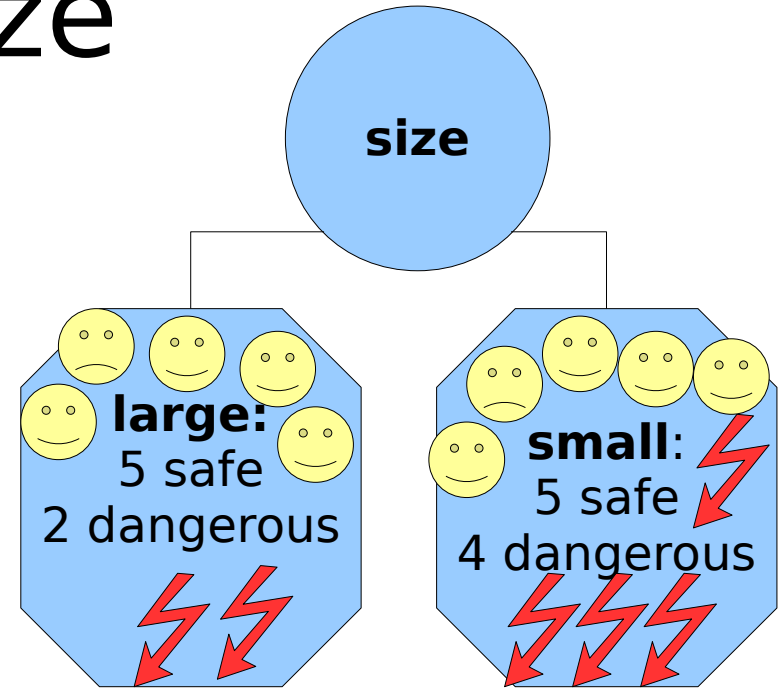


Split on size

size	flesh	class
large	hard	safe
large	hard	safe
large	soft	dangerous
large	soft	safe
small	hard	safe
small	hard	safe
small	hard	safe
small	soft	dangerous
small	hard	dangerous
large	hard	safe
large	soft	safe
small	soft	dangerous
small	soft	safe
large	hard	dangerous
small	hard	safe
small	hard	dangerous



Entropy for the node [size:small] = $-5/7 \log(5/7) - 2/7 \log(2/7) = 0.26$

Entropy for the node [size:large] = $-5/9 \log(5/9) - 4/9 \log(4/9) = 0.30$

Averaged entropy of the split on size = $7/16 * 0.26 + 9/16 * 0.30 = \mathbf{0.28}$