

# Entropy

$$\text{entropy} = \sum_i (p_i) \log_2 (p_i)$$

ssff

grade	bumpiness	speed limit?	speed
steep	bumpy	yes	slow -
steep	smooth	yes	slow -
flat	bumpy	no	fast -
steep	smooth	no	fast -

entropy of this node?

$$P_{\text{slow}} = 0.5 \quad P_{\text{fast}} = 0.5$$

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