- · Claude Shanvon Information Theory.
- · Transunt mussage brom sender la recipient reliably

113it of intomation, log 2 (2)

$$2^{3} = 8$$
 $\log_{2}(8) = 3 \text{ Bit}$ 

( ross Entropy = Enhopy-RLDir

On average 0.25.28it + 0.75.0.41 Bit = 0.81 Bit Entropy: A measure bow uncertain the events are On aug. H(p) = - \( \text{P} \, \log\_2 \log\_1)

35% 35% 10% 10% - assfoy2(0.35) + = 2.31 Bix 410 460 170 1%