formelish Kullbruh-leibler distance (KLD) distilutions

KUD (P, Q) = D(P||B|) =
$$\sum_{i} P(x) \log_{i} Q(x)$$
 - $(-\sum_{i} P(x) \log_{i} P(x))$

Letive

Enterty

Q:

Suboptimal

P(X) play $P(X)$

P(X) pla

$$-KLD(P,Q) = -SP(X)Log \frac{P(X)}{Q(X)} = \frac{SP(X)Log}{P(X)} \frac{Q(X)}{P(X)}$$

$$\leq \sum_{X|P(x)>0} P(x) \begin{bmatrix} Q(x) & -1 \\ P(x) \end{bmatrix}$$

Jensen's Inequality

$$= \int_{X[P(X)>0} Q(X) - \int_{X[P(X)>0} P(X)$$

Symmetric Jensen-Shannon Divergerce 1 (D(PIIM) + D(Q IIn) < 4(9,P) + L(P,X) d(a,x) > |d(a,p)-d(1,x)| Geometic New

GRAPE UPGRADE QUESTI	
Why is anything more sophisticated work Tembeldings. needed at all ?	
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Kid a fin. ?	A.C. C,D
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PMI Instition of hey aline