

$$\int_{\mathcal{I}} (x) = \mathcal{L}(x) \left(|-\mathcal{L}(x) \right)$$

$$\log_{10}(\sigma(x)) = 1 - \sigma(x)$$

$$\log_{10}(1 - \sigma(x)) = \sigma(x)$$

$$\chi = (\chi_1 \chi_2 \dots \chi_n)^T$$

$$h_{\theta}(x) = (\theta_{0} + \theta_{1}x_{1} + \theta_{2}x_{2} - \theta_{n}x_{n})$$

$$h_{\theta}(x) = (\theta_0 + \theta_1 \lambda_1 + \theta_2 \lambda_2)$$

$$= (\theta_0 x_0 + \theta_1 \lambda_1 + \theta_1 x_2) (x_0 = 1)$$

$$h_{\theta}(x) = \sigma(\theta^{T}x) = \frac{1}{1 + \ell^{-0T}x}$$

$$f_{\theta}(x) = \sigma(x) = \frac{1}{1 + \ell^{-0T}x}$$

$$y = \frac{1}{1}$$
 $h_{\delta}(x) < as$ $h_{\delta}(x) < as$ $h_{\delta}(x) < as$ $h_{\delta}(x) < as$ $h_{\delta}(x) > as$

$$P(A|B) = \frac{P(AB)}{P(B)} \qquad P(B|A) = \frac{P(AB)}{P(A)}$$

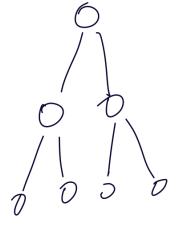
Bayes $P(A|B) = \frac{P(A) \cdot P(B|A)}{P(B)}$

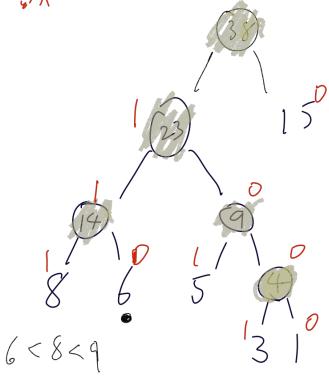
两个条件概率

Huttman 秋是一叉秋.

孤子:

15,8,6,5,3,1.





河叛姓人

Huffman 結構码 是不學长結構码,利用電大量科 设计的二进制前缀码。 wordzvel也用到3電大量编码。

LM: P(W, Wz "Wn) $= P(N_n) - P(N_n | W_1 - W_{n-1})$ P(AB) = TLAB) $= P(W_n)$. P(WI WZ WZ) $= P(W_1) \cdot P(W_2/W_1) \cdot P(W_3/W_2) \cdot$ P(W, W, W, .. Wn) = P(W1).P(W2/W1).P(W3/W2)..P(Wn/Wn-1) 词要个数为N. 对于长度为下的句子。 每个位置有N种环轮,N.N.N.S=NT

面种可能图计算T个参数, 共实T.NT

内存开销很大

p-gram,决学树,最大人高模型、最为高维张、 全件成机场,神经网络。 构建语言推塑。 n-gram 大类型

O(Nⁿ) 記典大小N=20000 n 是 n gram = 1, 2, 3, 4.

P(W, W, V3 W4 W5) 3-914m = P(W). P(W/W). P(W) (W, W). P(W4/W2W). - P(W5/ W3, W4) 7 HAZZA. 对问题建模,制度目标图数,进行优点.

最大似然, TT P(W/(ontext(W)) WGC

最大对数似然,

L= 5 loy P (w/ Context(w))

tanh 双曲正切迹数,作为隐 群层的激活四数 interest one hot representation

distribution representation

ALARAGIA Wordzuer 7 Wordzuer 7 Skip-grum - negative sampling

CBOW 目标凹数:

L= \(\int \langle \langle \langle \varphi \rangle \varphi \ran

和时子和32网络的译言捷型,

12去稀有隐藏层。

2' of hinfman took \$50th soft max

 $P(w|context(w)) = \prod_{j=2}^{l'} P(d_j|X_w, \theta_{j-1}^w)$

拉仁是产于日本的的剧烈

就上关于日和心的偏杂并更新。

 $\theta_{j-1} = \theta_{j-1} + \eta \left[\frac{\partial L(w,j)}{\partial \theta_{j-1}^{w}} \right]$

 $V(\widetilde{\omega}) := V(\widetilde{\omega}) + 1 = \frac{\int_{0}^{\omega} \frac{\partial L(\omega, j)}{\partial \omega}}{\partial \omega}$

skip-gram G +7 RAD

L = E log P(context(w)|w)