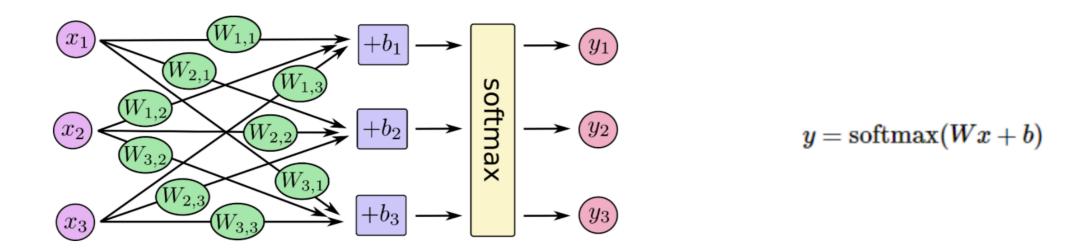


$$ext{evidence}_i = \sum_j W_{i,\,j} x_j + b_i$$

y = softmax(evidence)

$$\operatorname{softmax}(x)_i = \frac{\exp(x_i)}{\sum_j \exp(x_j)}$$



## 成本交叉熵函数

$$H_{y'}(y) = -\sum_i y_i' \log(y_i)$$

tf.train.GradientDescentOptimizer

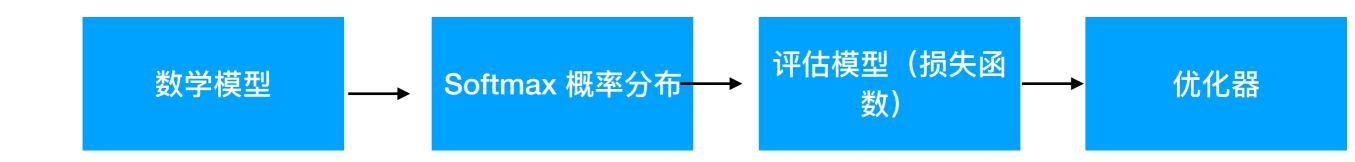
tf.train.AdagradOptimizer

tf.train.MomentumOptimizer

tf.train.AdamOptimizer

tf.train.FtrlOptimizer

tf.train.RMSPropOptimizer



Ref: http://www.tensorfly.cn