

SOFTMAX

ACTIVATION FUNCTION

Often used in the output units when doing multi-class classification. Bounds outputs between 0 and 1 like Sigmoid but can be use when we have multiple classes

$$\text{Softmax}(z)_i = \frac{e^{z_i}}{\sum_j e^{z_j}}$$

Inputs for class i

Sum of inputs for all classes

Chris Albon