

Project Operators

Hardmax

Tensorflow

```
tf.contrib.seq2seq.hardmax(  
    logits,  
    name=None)
```

Where is it used?

In ML, for normalization of o/p of NN

Hard function is one that isn't full differentiable (contrary - soft)

Activation / Sigmoid function

Forces minimum to 0, max to 1 and scaling everything linearly in between

Misconceived Hardmax as Argmax (thanks to <https://datascience.stackexchange.com/questions/23159/in-softmax-classifier-why-use-exp-function-to-do-normalization/24112#24112>)