Module: tf.contrib.kfac.loss_functions

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Defined in `tensorflow/contrib/kfac/python/ops/loss_functions_lib.py`.

Loss functions to be used by LayerCollection.

Classes

`class CategoricalLogitsNegativeLogProbLoss`: Neg log prob loss for a categorical distribution parameterized by logits.

`class DistributionNegativeLogProbLoss`: Base class for neg log prob losses that use the TF Distribution classes.

`class LossFunction`: Abstract base class for loss functions.

`class MultiBernoulliNegativeLogProbLoss`: Neg log prob loss for multiple Bernoulli distributions param'd by logits.

`class NaturalParamsNegativeLogProbLoss`: Base class for neg log prob losses whose inputs are 'natural' parameters.

`class NegativeLogProbLoss`: Abstract base class for loss functions that are negative log probs.

`class NormalMeanNegativeLogProbLoss`: Neg log prob loss for a normal distribution parameterized by a mean vector.

`class NormalMeanVarianceNegativeLogProbLoss`: Negative log prob loss for a normal distribution with mean and variance.

Functions

`insert_slice_in_zeros(...)`: Inserts slice into a larger tensors of zeros.

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