

Module: tf.contrib.losses

Contents

Functions

Defined in `tensorflow/contrib/losses/__init__.py`.

Ops for building neural network losses.

See [Losses \(contrib\)](#).

Functions

`absolute_difference(...)` : Adds an Absolute Difference loss to the training procedure. (deprecated)

`add_loss(...)` : Adds a externally defined loss to the collection of losses. (deprecated)

`compute_weighted_loss(...)` : Computes the weighted loss. (deprecated)

`cosine_distance(...)` : Adds a cosine-distance loss to the training procedure. (deprecated)

`get_losses(...)` : Gets the list of losses from the loss_collection. (deprecated)

`get_regularization_losses(...)` : Gets the regularization losses. (deprecated)

`get_total_loss(...)` : Returns a tensor whose value represents the total loss. (deprecated)

`hinge_loss(...)` : Method that returns the loss tensor for hinge loss. (deprecated)

`log_loss(...)` : Adds a Log Loss term to the training procedure. (deprecated)

`mean_pairwise_squared_error(...)` : Adds a pairwise-errors-squared loss to the training procedure. (deprecated)

`mean_squared_error(...)` : Adds a Sum-of-Squares loss to the training procedure. (deprecated)

`sigmoid_cross_entropy(...)` : Creates a cross-entropy loss using `tf.nn.sigmoid_cross_entropy_with_logits`. (deprecated)

`softmax_cross_entropy(...)` : Creates a cross-entropy loss using `tf.nn.softmax_cross_entropy_with_logits`. (deprecated)

`sparse_softmax_cross_entropy(...)` : Cross-entropy loss using `tf.nn.sparse_softmax_cross_entropy_with_logits`. (deprecated)

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