

tf.contrib.losses.compute_weighted_loss

```
compute_weighted_loss(  
    losses,  
    weights=1.0,  
    scope=None  
)
```

Defined in [tensorflow/contrib/losses/python/losses/loss_ops.py](#).

See the guide: [Losses \(contrib\)](#) > [Loss operations for use in neural networks](#).

Computes the weighted loss. (deprecated)

THIS FUNCTION IS DEPRECATED. It will be removed after 2016-12-30. Instructions for updating: Use `tf.losses.compute_weighted_loss` instead.

Args:

- `losses`: A tensor of size `[batch_size, d1, ... dN]`.
- `weights`: A tensor of size `[1]` or `[batch_size, d1, ... dK]` where $K < N$.
- `scope`: the scope for the operations performed in computing the loss.

Returns:

A scalar **Tensor** that returns the weighted loss.

Raises:

- **ValueError**: If `weights` is `None` or the shape is not compatible with `losses`, or if the number of dimensions (rank) of either `losses` or `weights` is missing.

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Last updated November 2, 2017.

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