tf.nn.normalize_moments

```
normalize_moments(
    counts,
    mean_ss,
    variance_ss,
    shift,
    name=None
)
```

Defined in `tensorflow/python/ops/nn_impl.py`.

See the guide: Neural Network > Normalization

Calculate the mean and variance of based on the sufficient statistics.

Args:

- `counts`: A `Tensor` containing a the total count of the data (one value).
- `mean_ss`: A `Tensor` containing the mean sufficient statistics: the (possibly shifted) sum of the elements to average over.
- `variance_ss`: A `Tensor` containing the variance sufficient statistics: the (possibly shifted) squared sum of the data to compute the variance over.
- `shift`: A `Tensor` containing the value by which the data is shifted for numerical stability, or `None` if no shift was performed.
- `name`: Name used to scope the operations that compute the moments.

Returns:

Two `Tensor` objects: `mean` and `variance`.

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