

tf.keras.backend.normalize_batch_in_training

```
normalize_batch_in_training(  
    x,  
    gamma,  
    beta,  
    reduction_axes,  
    epsilon=0.001  
)
```

Defined in [tensorflow/python/keras/_impl/keras/backend.py](#).

Computes mean and std for batch then apply batch_normalization on batch.

Arguments:

- `x`: Input tensor or variable.
- `gamma`: Tensor by which to scale the input.
- `beta`: Tensor with which to center the input.
- `reduction_axes`: iterable of integers, axes over which to normalize.
- `epsilon`: Fuzz factor.

Returns:

A tuple length of 3, `(normalized_tensor, mean, variance)`.

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