

## tf.keras.backend.random\_normal

```
random_normal(  
    shape,  
    mean=0.0,  
    stddev=1.0,  
    dtype=None,  
    seed=None  
)
```

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

Returns a tensor with normal distribution of values.

## Arguments:

- **shape** : A tuple of integers, the shape of tensor to create.
- **mean** : A float, mean of the normal distribution to draw samples.
- **stddev** : A float, standard deviation of the normal distribution to draw samples.
- **dtype** : String, dtype of returned tensor.
- **seed** : Integer, random seed.

## Returns:

A tensor.

---

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

**Stay Connected**

[Blog](#)

[GitHub](#)

[Twitter](#)

**Support**

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

