

tf.keras.initializers.glorot_normal

```
glorot_normal(seed=None)
```

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

Glorot normal initializer, also called Xavier normal initializer.

It draws samples from a truncated normal distribution centered on 0 with `stddev = sqrt(2 / (fan_in + fan_out))` where `fan_in` is the number of input units in the weight tensor and `fan_out` is the number of output units in the weight tensor.

Arguments:

- `seed`: A Python integer. Used to seed the random generator.

Returns:

An `initializer`.

References: Glorot & Bengio, AISTATS 2010 <http://jmlr.org/proceedings/papers/v9/glorot10a/glorot10a.pdf>

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