tf.truncated_normal

```
truncated_normal(
    shape,
    mean=0.0,
    stddev=1.0,
    dtype=tf.float32,
    seed=None,
    name=None
)
```

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

See the guide: Constants, Sequences, and Random Values > Random Tensors

Outputs random values from a truncated normal distribution.

The generated values follow a normal distribution with specified mean and standard deviation, except that values whose magnitude is more than 2 standard deviations from the mean are dropped and re-picked.

Args:

- `shape`: A 1-D integer Tensor or Python array. The shape of the output tensor.
- `mean`: A 0-D Tensor or Python value of type `dtype`. The mean of the truncated normal distribution.
- `stddev`: A 0-D Tensor or Python value of type `dtype`. The standard deviation of the truncated normal distribution.
- `dtype`: The type of the output.
- `seed`: A Python integer. Used to create a random seed for the distribution. See `tf.set_random_seed` for behavior.
- `name`: A name for the operation (optional).

Returns:

A tensor of the specified shape filled with random truncated normal values.

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