

tf.nn.elu

```
elu(  
    features,  
    name=None  
)
```

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

See the guide: [Neural Network > Activation Functions](#)

Computes exponential linear: $\exp(\text{features}) - 1$ if < 0 , `features` otherwise.

See [Fast and Accurate Deep Network Learning by Exponential Linear Units \(ELUs\)](#)

Args:

- `features`: A `Tensor`. Must be one of the following types: `half`, `float32`, `float64`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor`. Has the same type as `features`.

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