

tf.saturate_cast

```
saturate_cast(  
    value,  
    dtype,  
    name=None  
)
```

Defined in [tensorflow/python/ops/math_ops.py](#).

See the guide: [Tensor Transformations > Casting](#)

Performs a safe saturating cast of **value** to **dtype**.

This function casts the input to **dtype** without applying any scaling. If there is a danger that values would over or underflow in the cast, this op applies the appropriate clamping before the cast.

Args:

- **value**: A **Tensor**.
- **dtype**: The desired output **DType**.
- **name**: A name for the operation (optional).

Returns:

value safely cast to **dtype**.

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