

tf.assert_rank_at_least

```
assert_rank_at_least(  
    x,  
    rank,  
    data=None,  
    summarize=None,  
    message=None,  
    name=None  
)
```

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

See the guide: [Asserts and boolean checks](#)

Assert `x` has rank equal to `rank` or higher.

Example of adding a dependency to an operation:

```
with tf.control_dependencies([tf.assert_rank_at_least(x, 2)]):  
    output = tf.reduce_sum(x)
```

Args:

- `x`: Numeric **Tensor**.
- `rank`: Scalar **Tensor**.
- `data`: The tensors to print out if the condition is False. Defaults to error message and first few entries of `x`.
- `summarize`: Print this many entries of each tensor.
- `message`: A string to prefix to the default message.
- `name`: A name for this operation (optional). Defaults to "assert_rank_at_least".

Returns:

Op raising **InvalidArgumentError** unless `x` has specified rank or higher. If static checks determine `x` has correct rank, a **no_op** is returned.

Raises:

- **ValueError**: If static checks determine `x` has wrong rank.

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