tf.sparse_slice

```
sparse_slice(
    sp_input,
    start,
    size,
    name=None
)
```

Defined in **tensorflow/python/ops/sparse_ops.py** .

Slice a **SparseTensor** based on the **start** and `size.

For example, if the input is

```
input_tensor = shape = [2, 7]
[   a   d e ]
[b c        ]
```

Graphically the output tensors are:

```
sparse_slice([0, 0], [2, 4]) = shape = [2, 4]
[   a ]
[b c  ]

sparse_slice([0, 4], [2, 3]) = shape = [2, 3]
[ d e ]
[     ]
```

Args:

- **sp_input** : The **SparseTensor** to split.
- **start** : 1-D. tensor represents the start of the slice.
- **size** : 1-D. tensor represents the size of the slice.
- **name** : A name for the operation (optional).

Returns:

A **SparseTensor** objects resulting from splicing.

Raises:

- **TypeError** : If **sp_input** is not a **SparseTensor** .

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