tf.sparse_segment_mean

```
sparse_segment_mean(
    data,
    indices,
    segment_ids,
    name=None
)
```

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

See the guide: Math > Segmentation

Computes the mean along sparse segments of a tensor.

Read the section on segmentation for an explanation of segments.

Like `SegmentMean`, but `segment_ids` can have rank less than `data`'s first dimension, selecting a subset of dimension 0, specified by `indices`.

Args:

- `data`: A `Tensor`. Must be one of the following types: `float32`, `float64`.
- `indices`: A `Tensor`. Must be one of the following types: `int32`, `int64`. A 1-D tensor. Has same rank as `segment_ids`.
- `segment_ids`: A `Tensor` of type `int32`. A 1-D tensor. Values should be sorted and can be repeated.
- `name`: A name for the operation (optional).

Returns:

A `Tensor`. Has the same type as `data`. Has same shape as data, except for dimension 0 which has size `k`, the number of segments.

Last updated November 2, 2017.