

# graphlab.SFrame.topk

`SFrame.topk` (*column\_name*, *k=10*, *reverse=False*)

Get top *k* rows according to the given column. Result is according to and sorted by *column\_name* in the given order (default is descending). When *k* is small, *topk* is more efficient than *sort*.

**Parameters:** **column\_name** : string

The column to sort on

**k** : int, optional

The number of rows to return

**reverse** : bool, optional

If True, return the top *k* rows in ascending order, otherwise, in descending order.

**Returns:** **out** : SFrame

an SFrame containing the top *k* rows sorted by *column\_name*.

! See also

`sort`

## Examples

```
>>> sf = graphlab.SFrame({'id': range(1000)})
>>> sf['value'] = -sf['id']
>>> sf.topk('id', k=3)
+-----+-----+
|  id  | value |
+-----+-----+
|  999 | -999  |
|  998 | -998  |
|  997 | -997  |
+-----+-----+
[3 rows x 2 columns]
```

```
>>> sf.topk('value', k=3)
```

```
+-----+-----+
```

```
|  id  |  value |
```

```
+-----+-----+
```

```
|   1   |   -1   |
```

```
|   2   |   -2   |
```

```
|   3   |   -3   |
```

```
+-----+-----+
```

```
[3 rows x 2 columns]
```