TimeWindow

This operator defines a window based on the time.

Parameter

- `size:` The size of the window. Can be either a single number or a pair of a number and a time unit. Possible values for the unit are one of TimeUnit like SECONDS, NANOSECODS etc. - default time is milliseconds
- `advance:` The advance how the window moves forward. Can be either a single number or a pair of a number and a time unit. Possible values for the unit are one of TimeUnit like SECONDS, NANOSECODS etc. - default time is milliseconds. default advance is 1
- `slide:` The slide of the window. When using this parameter **all elements in the windows will have the same starttimestamp** (e.g. helpful for aggregations), while advance will not change the starttimestamp. Can be either a single number or a pair of a number and a time unit. Possible values for the unit are one of TimeUnit like SECONDS, NANOSECODS etc. - default time is milliseconds. default advance is 1

Example

```
/// sliding time window (notice: size and advance is directly based on the used timestamps.
/// if they are in milliseconds (which is default), size and advance are in milliseconds too.
 output = TIMEWINDOW({
                  size = 5,
                  advance = 1
                 }, input)

/// sliding time window with another time unit for size.
/// size  is converted from seconds into milliseconds
/// (since this is the default  time granularity).
/// This means, size will be 5000 and advance will be 1
 output = TIME WINDOW({
                  size = [5, 'SECONDS'],
                  advance = 1
                 }, input)

/// sliding time window with another time unit for size and advance.
/// size  and advance are converted from seconds into milliseconds
/// (since this is  the default time granularity).
/// This means, size will be 5000 and  advance will be 1000
 output = TIMEWINDOW({
                  size = [5, 'SECONDS'],
                  advance = [1, 'SECONDS']
                 }, input)

 /// sliding delta window, reduces time granularity to value of slide
 output = TIMEWINDOW({
                  size = 5,
                  slide = 5
                 }, input)
```