Filtering on Time Frame.

In the following paragraph, various methods regarding filtering with time frames are present. For each of the methods, the log and Pandas Dataframe methods are revealed.

```
from pm4py.algo.filtering.log.timestamp import timestamp_filter
filtered_log = timestamp_filter.filter_traces_contained
              (log, "2011-03-09 00:00:00", "2012-01-18 23:59:59")
```

One might be interested in only keeping the traces that are **contained** in a specific interval, e.g. 09 March 2011 and 18 January 2012. The first code snippet works for a log object, the second one for a dataframe object.

```
from pm4py.algo.filtering.pandas.timestamp import timestamp_filter
df_timest_intersecting = timestamp_filter.filter_traces_intersecting
              (dataframe, "2011-03-09 00:00:00", "2012-01-18 23:59:59",
                                    parameters={timestamp_filter.P
                                           timestamp_filter.P
```

However, it is also possible to keep the traces that are **intersecting** with a time interval. The first example is again for log objects, the second one for dataframe objects.