

# release\_period

## array organization

using both 1D & 2D numpy arrays with the datatype set to object

`mwf_time = [[0][0]  
... [9][1]]`

`tt_time = [[0][0]  
... [6][1]]`

`weekdays = [0]...[4]`

## columns in use

for this current function two of columns are in use, both `day_of_week` & `time`

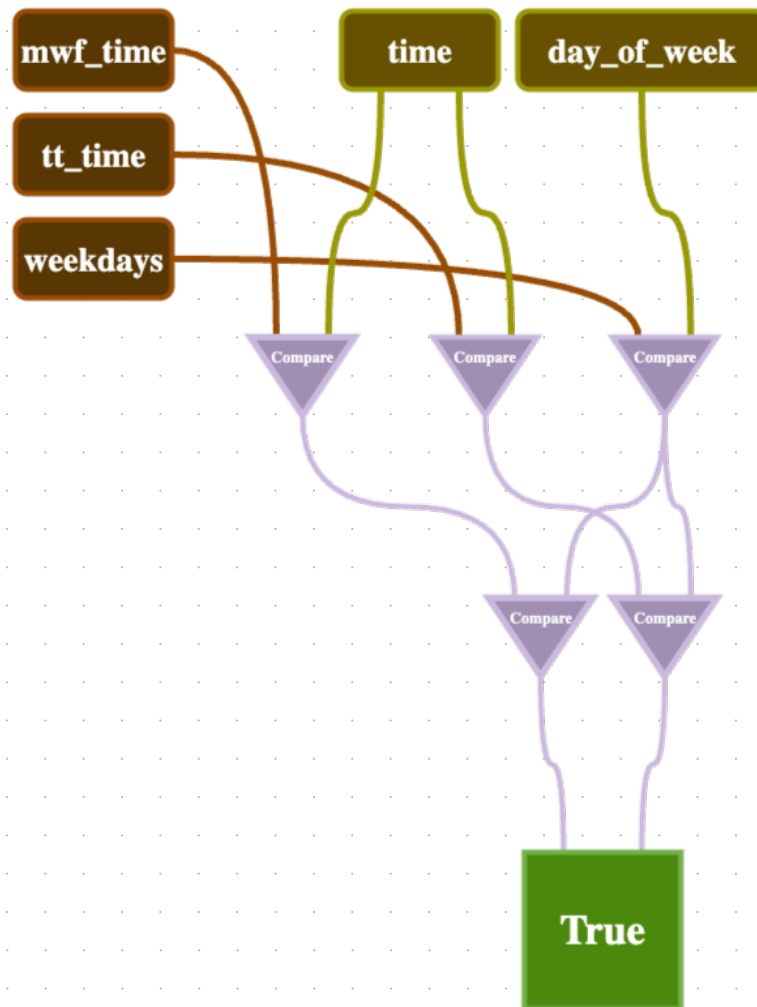
`day_of_week` - goes Sunday  
→ Saturday, with value stored as object

`time` - the time at which the values were recorded, stored as object

## logic

```
for i in range(len(weekdays))  
    if value == weekdays[i]  
        for j in range(len(times))  
            if value <= times[j] & value <= times[j]  
                return True
```

taking in `day_of_week`, compare with `weekdays`, take result & compare with the result of `time` & if its value is within `[i][j]` of `times` if final result true, return true



## Thinking

I may want to have parent if statement for `is-semester`, as this comparison only works with semester dates