

# chsh\_dates

March 19, 2019

## 1 Cheat Sheet on dates

Cheat sheet on dates.

```
In [1]: from jyquickhelper import add_notebook_menu
        add_notebook_menu()
```

```
Out[1]: <IPython.core.display.HTML object>
```

### 1.1 string to datetime and datetime to string

see [how to convert a string date into datetime format in python](#)

```
In [2]: import datetime
        d = datetime.datetime.strptime("11/08/75", "%d/%m/%y")
        d
```

```
Out[2]: datetime.datetime(1975, 8, 11, 0, 0)
```

```
In [3]: d.strftime("%Y-%m-%d")
```

```
Out[3]: '1975-08-11'
```

### 1.2 now, time difference

```
In [4]: from datetime import datetime
        now = datetime.now()
        now
```

```
Out[4]: datetime.datetime(2017, 11, 9, 11, 30, 20, 895311)
```

```
In [5]: delta = now - datetime(now.year - 1, 12, 31)
        delta
```

```
Out[5]: datetime.timedelta(313, 41452, 134562)
```

```
In [6]: delta.days
```

```
Out[6]: 313
```

### 1.3 day of the year

```
In [7]: now = datetime.now()  
        now
```

```
Out[7]: datetime.datetime(2017, 11, 9, 11, 31, 7, 946012)
```

```
In [8]: day_of_year = now.timetuple().tm_yday  
        day_of_year
```

```
Out[8]: 313
```

```
In [9]:
```