

## Time Delta Datetime Module Part 2

March 5, 2023

```
[1]: import datetime
```

```
[2]: datetime.datetime.now()
```

```
[2]: datetime.datetime(2023, 3, 5, 23, 10, 54, 269273)
```

```
[3]: import time
```

```
[4]: datetime.datetime.fromtimestamp(time.time())
```

```
[4]: datetime.datetime(2023, 3, 5, 23, 10, 54, 333251)
```

```
[5]: todays_date = datetime.datetime.now()  
todays_date
```

```
[5]: datetime.datetime(2023, 3, 5, 23, 10, 54, 359242)
```

```
[6]: todays_date + datetime.timedelta(days=1500)
```

```
[6]: datetime.datetime(2027, 4, 13, 23, 10, 54, 359242)
```

```
[7]: datetime.timedelta(days=1500) // 10
```

```
[7]: datetime.timedelta(days=150)
```

```
[8]: todays_date + todays_date
```

```
-----  
TypeError                                Traceback (most recent call last)  
Input In [8], in <cell line: 1>()  
----> 1 todays_date + todays_date  
  
TypeError: unsupported operand type(s) for +: 'datetime.datetime' and 'datetime  
↳datetime'
```

```
[9]: todays_date + datetime.timedelta(days=100)
```

```
[9]: datetime.datetime(2023, 6, 13, 23, 10, 54, 359242)
```

```
[10]: todays_date - datetime.timedelta(days=100)
```

```
[10]: datetime.datetime(2022, 11, 25, 23, 10, 54, 359242)
```

```
[11]: todays_date * datetime.timedelta(days=100)
```

```
-----  
TypeError                                Traceback (most recent call last)  
Input In [11], in <cell line: 1>()  
----> 1 todays_date * datetime.timedelta(days=100)  
  
TypeError: unsupported operand type(s) for *: 'datetime.datetime' and 'datetime  
    ↳timedelta'
```

```
[12]: todays_date / datetime.timedelta(days=100)
```

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TypeError                                Traceback (most recent call last)  
Input In [12], in <cell line: 1>()  
----> 1 todays_date / datetime.timedelta(days=100)  
  
TypeError: unsupported operand type(s) for /: 'datetime.datetime' and 'datetime  
    ↳timedelta'
```

```
[13]: datetime.timedelta(days=100) + 1
```

```
-----  
TypeError                                Traceback (most recent call last)  
Input In [13], in <cell line: 1>()  
----> 1 datetime.timedelta(days=100) + 1  
  
TypeError: unsupported operand type(s) for +: 'datetime.timedelta' and 'int'
```

```
[14]: datetime.timedelta(days=100) - 1
```

```
-----  
TypeError                                Traceback (most recent call last)  
Input In [14], in <cell line: 1>()  
----> 1 datetime.timedelta(days=100) - 1  
  
TypeError: unsupported operand type(s) for -: 'datetime.timedelta' and 'int'
```

```
[15]: datetime.timedelta(days=100) * 10
```

```
[15]: datetime.timedelta(days=1000)
```

```
[16]: datetime.timedelta(days=100) / 5
```

```
[16]: datetime.timedelta(days=20)
```

```
[17]: jan_1_2023 = datetime.datetime(2023, 1, 1)  
      jan_1_2023
```

```
[17]: datetime.datetime(2023, 1, 1, 0, 0)
```

```
[18]: jan_1_2023 + datetime.timedelta(weeks=8)
```

```
[18]: datetime.datetime(2023, 2, 26, 0, 0)
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