

More-Datetime-Tricks

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1 Additional Datetime Tricks

```
[1]: # RUN THIS CELL
import pandas as pd
%matplotlib inline
```

1.1 Convert Unix Timestamp to Datetime format

Unix timestamps are 10-digit codes representing the number of seconds since '1970-01-01 00:00:00'. Dates prior to 1970 are given as negative numbers. We can convert timestamps to datetime format by passing `unit='s'` into the `df.to_datetime()` method.

```
[6]: df = pd.read_csv('timestamp.csv',encoding='utf8')
df
```

```
[6]:      Timestamp      Significance
0  1098835200  Boston Red Sox win the World Series
1   626572800             Berlin Wall falls
2   490060800      Live Aid benefit concert
3  -14182980      Apollo 11 lands on the moon
```

```
[7]: df['Date']=pd.to_datetime(df['Timestamp'],unit='s')
df
```

```
[7]:      Timestamp      Significance      Date
0  1098835200  Boston Red Sox win the World Series  2004-10-27 00:00:00
1   626572800             Berlin Wall falls  1989-11-09 00:00:00
2   490060800      Live Aid benefit concert  1985-07-13 00:00:00
3  -14182980      Apollo 11 lands on the moon  1969-07-20 20:17:00
```

[]: