In [2]:
```
import numpy as np
import pandas as pd
from pylab import mpl, plt
import cufflinks as cf
import plotly.offline as plyo
plyo.init_notebook_mode(connected=True)
plt.style.use('seaborn')
mpl.rcParams['font.family'] = 'serif'
%matplotlib inline
```

In [3]:
```
df=pd.read_csv('shpnaE.csv',index_col='<DTYYYYMMDD>',parse_dates=True)
df.head()
```

Out[3]:

<DTYYYYMMDD>	FIRST	HIGH	LOW	CLOSE	VALUE	VOL	OPENINT	OPEN	LAST
2022-04-05	7530.0	7740.0	7420.0	7690.0	3021402799200	392908888	16592	7380.0	7740.0
2022-04-04	7160.0	7400.0	7130.0	7380.0	4218097398500	571648056	22086	7050.0	7400.0
2022-04-03	6950.0	7160.0	6830.0	7050.0	770129947530	109303458	8711	6900.0	7140.0
2022-03-30	6700.0	6990.0	6650.0	6900.0	530159249080	76802770	6898	6830.0	6970.0
2022-03-29	6950.0	6990.0	6710.0	6830.0	881442247680	128986662	11033	7020.0	6770.0

In [4]:
```
df.info()
```

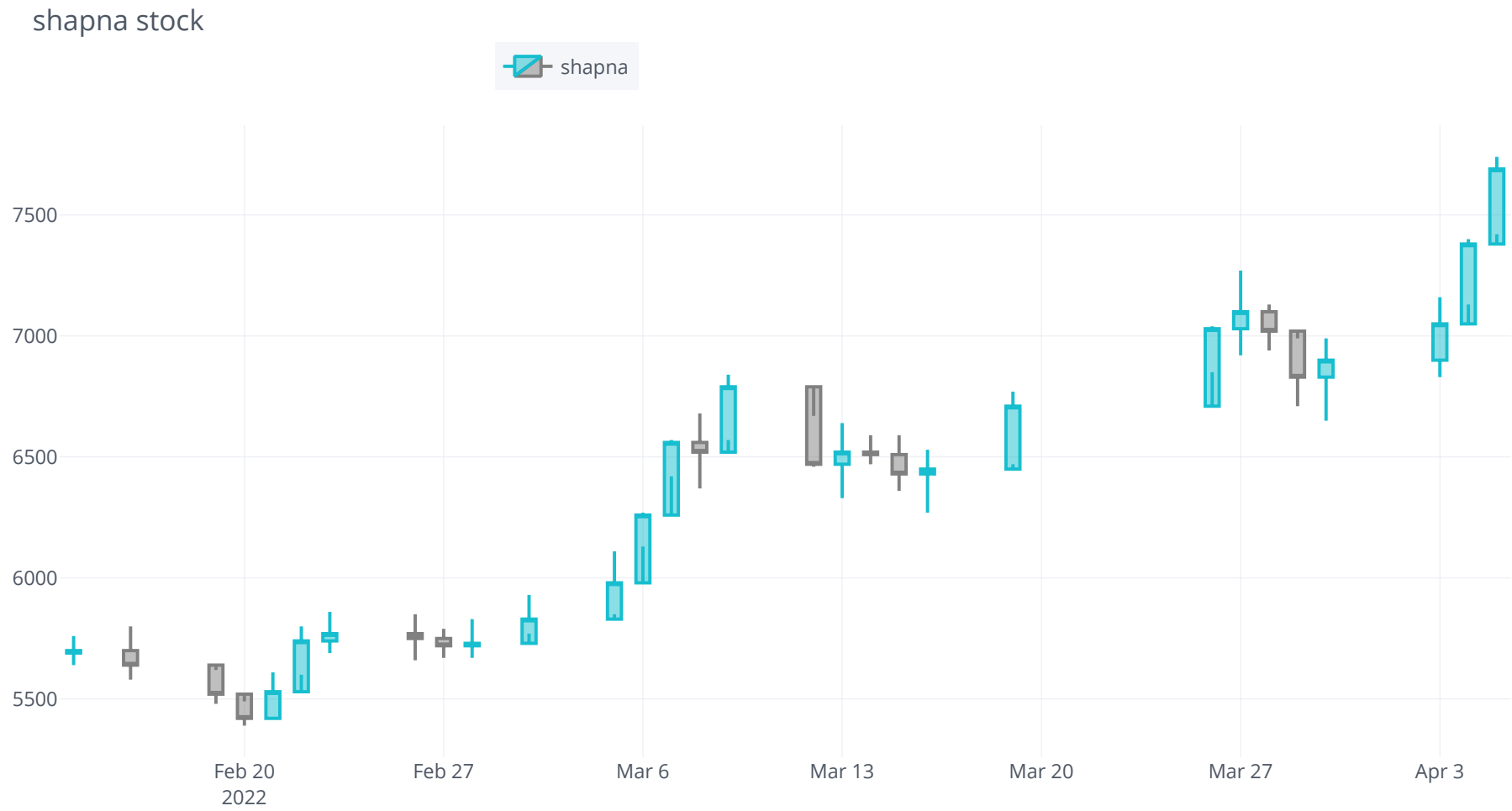
```
<class 'pandas.core.frame.DataFrame'>
DatetimeIndex: 2507 entries, 2022-04-05 to 2008-06-29
Data columns (total 9 columns):
 #   Column   Non-Null Count  Dtype  
---  ------   --------------  -----  
 0   FIRST    2507 non-null   float64
 1   HIGH     2507 non-null   float64
 2   LOW      2507 non-null   float64
 3   CLOSE    2507 non-null   float64
 4   VALUE    2507 non-null   int64  
 5   VOL      2507 non-null   int64  
 6   OPENINT  2507 non-null   int64  
 7   OPEN     2507 non-null   float64
 8   LAST     2507 non-null   float64
dtypes: float64(6), int64(3)
memory usage: 195.9 KB
```

In [6]:
```
df=df[['OPEN','HIGH','LOW','CLOSE']]
df=df.iloc[:30]
df.head()
```

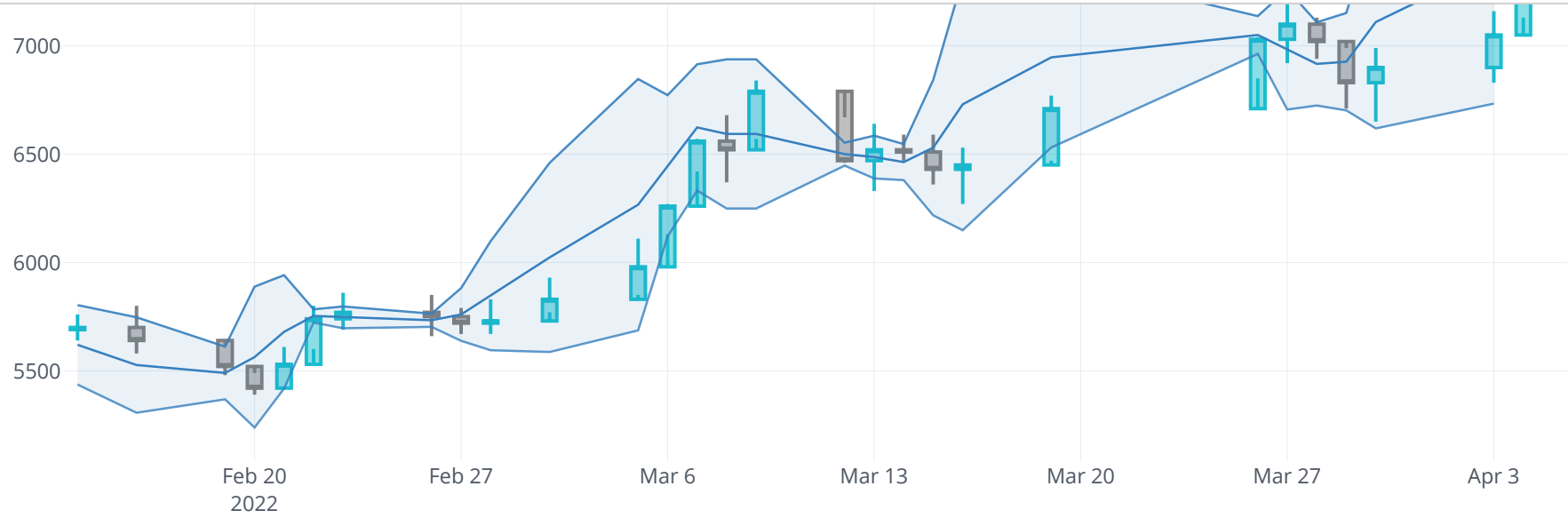
Out[6]:

<DTYYYYMMDD>	OPEN	HIGH	LOW	CLOSE
2022-04-05	7380.0	7740.0	7420.0	7690.0
2022-04-04	7050.0	7400.0	7130.0	7380.0
2022-04-03	6900.0	7160.0	6830.0	7050.0
2022-03-30	6830.0	6990.0	6650.0	6900.0
2022-03-29	7020.0	6990.0	6710.0	6830.0

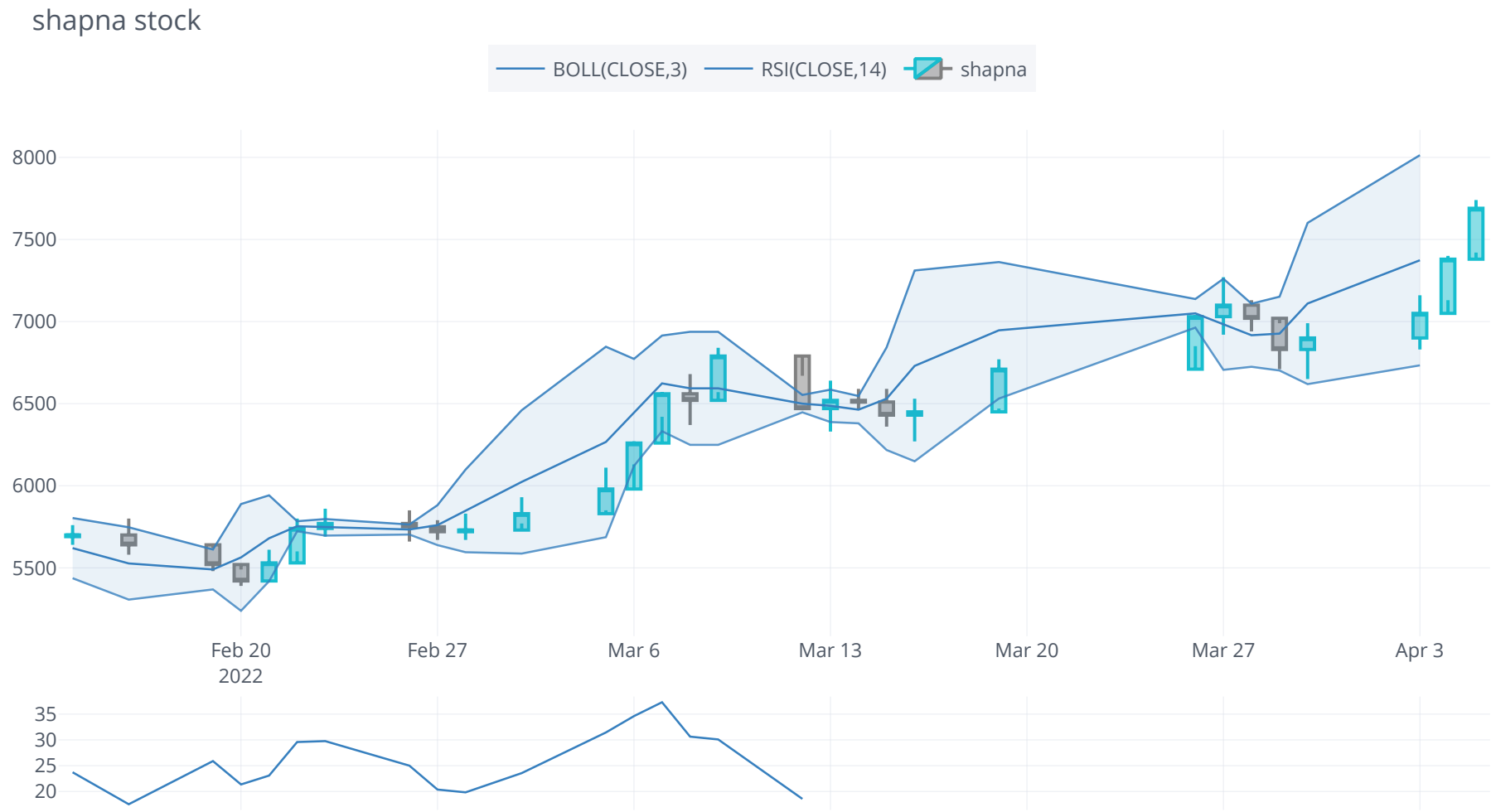
In [7]:
```
qf = cf.QuantFig(df,title='shapna stock ',legend='top',name='shapna')
plyo.iplot(qf.iplot(asFigure=True),image='png',filename='qf_01')
```



In [8]:
```
qf.add_bollinger_bands(periods=3,boll_std=2)
plyo.iplot(qf.iplot(asFigure=True),image='png',filename='qf_02')
```



In [9]:
```
qf.add_rsi(periods=14,showbands=False)
plyo.iplot(qf.iplot(asFigure=True),image='png',filename='qf_03')
```



In [ ]:
```
```