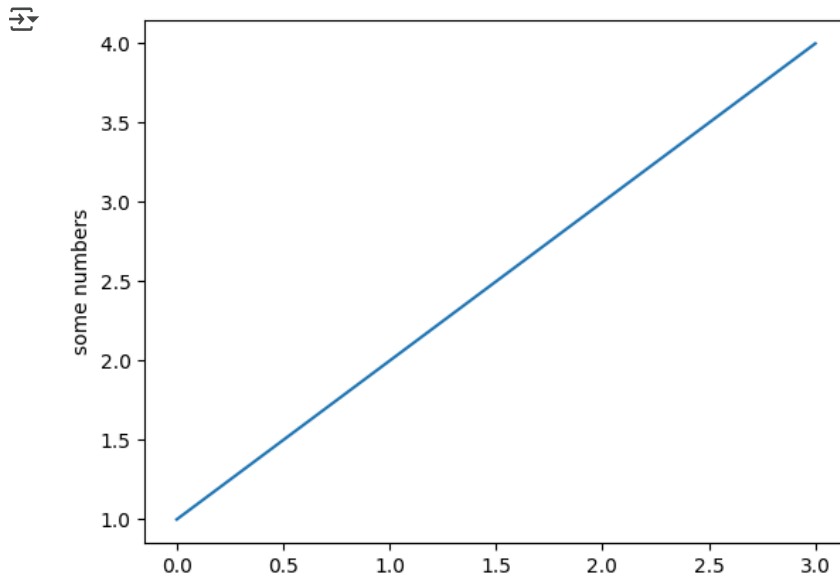


```
import matplotlib.pyplot as plt
%matplotlib inline
```


```
plt.plot([1,2,3,4])
plt.ylabel('some numbers')
plt.show()
```





```
import pandas as pd
```

```
df=pd.read_csv('btc-market-price.csv',header=None)
```

```
df.head()
```




	0	1
0	2017-04-02 00:00:00	1099.169125
1	2017-04-03 00:00:00	1141.813000
2	2017-04-04 00:00:00	1141.600363
3	2017-04-05 00:00:00	1133.079314
4	2017-04-06 00:00:00	1196.307937



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```
df.columns=['TimeStamp','Price in USD']
```

```
df.head()
```



	TimeStamp	Price in USD
0	2017-04-02 00:00:00	1099.169125
1	2017-04-03 00:00:00	1141.813000
2	2017-04-04 00:00:00	1141.600363
3	2017-04-05 00:00:00	1133.079314
4	2017-04-06 00:00:00	1196.307937





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```
df.shape
```

```
(365, 2)
```

```
df.tail(3)
```



	TimeStamp	Price in USD
<b>362</b>	2018-03-30 00:00:00	6882.531667
<b>363</b>	2018-03-31 00:00:00	6935.480000
<b>364</b>	2018-04-01 00:00:00	6794.105000



```
pd.to_datetime(df['TimeStamp']).head()
```



	TimeStamp
<b>0</b>	2017-04-02
<b>1</b>	2017-04-03
<b>2</b>	2017-04-04
<b>3</b>	2017-04-05
<b>4</b>	2017-04-06

**dtype:** datetime64[ns]

```
df['TimeStamp']=pd.to_datetime(df['TimeStamp'])
df.head()
```



	TimeStamp	Price in USD
<b>0</b>	2017-04-02	1099.169125
<b>1</b>	2017-04-03	1141.813000
<b>2</b>	2017-04-04	1141.600363
<b>3</b>	2017-04-05	1133.079314
<b>4</b>	2017-04-06	1196.307937




Next steps:


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```
df.set_index('TimeStamp',inplace=True)
```

```
df.head()
```




	Price in USD
TimeStamp	
<b>2017-04-02</b>	1099.169125
<b>2017-04-03</b>	1141.813000
<b>2017-04-04</b>	1141.600363
<b>2017-04-05</b>	1133.079314
<b>2017-04-06</b>	1196.307937



Next steps:

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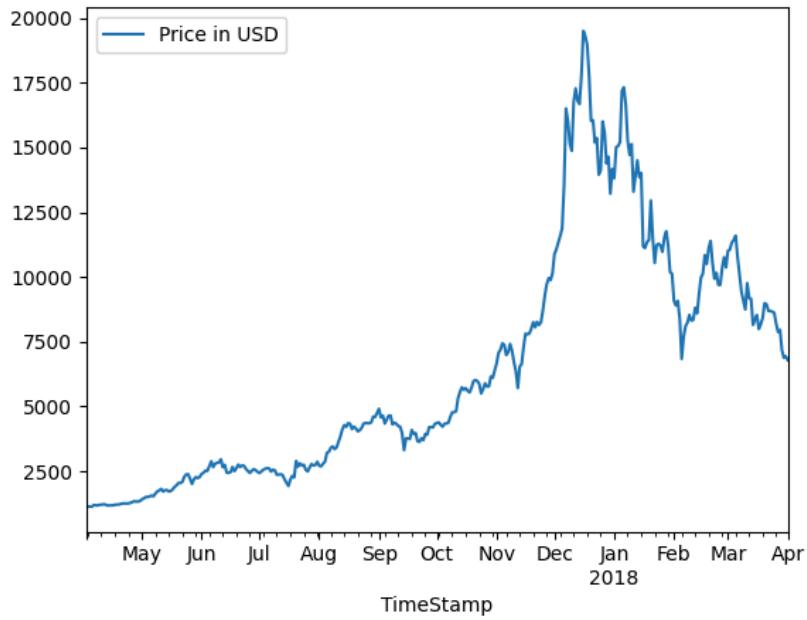
```
df.shape
```

 (365, 1)

```
df.plot()
```



&lt;Axes: xlabel='TimeStamp'&gt;

Start coding or [generate](#) with AI.