



Project 2 - Bit Coin Prices - Part 3 - Import the Dataset & Data Cleaning

Dataset Link: <https://www.kaggle.com/datasets/chakradharmattapalli/bitcoin-prices>

Importing Necessary Libraries

```
import numpy as np
import pandas as pd
```

Import and read dataset

#Write Your Code Here

```
df=pd.read_csv('bitcoin_prices2.csv')
df.head()
```

	open	high	low	close	tick_volume	year	month	day
0	5.26	5.47	4.80	5.21	69150	2012	1	2

1	5.22	5.29	4.65	4.88	125170	2012	1	3
2	4.88	5.70	4.75	5.57	131170	2012	1	4
3	5.57	7.22	5.57	6.94	182328	2012	1	5
4	6.95	7.21	6.13	6.70	218077	2012	1	6

Data Cleaning

a. Missing Value

#Write Your Code Here

```
df.isnull().sum()
```

```
open          0
high          0
low           0
close         0
tick_volume   0
year          0
month         0
day           0
dtype: int64
```

b. Duplicate data

#Write Your Code Here

```
df.duplicated().sum()
```

```
0
```

```
df
```

	open	high	low	close	tick_volume	year	month
day							
0	5.26	5.47	4.80	5.21	69150	2012	1
2							
1	5.22	5.29	4.65	4.88	125170	2012	1
3							
2	4.88	5.70	4.75	5.57	131170	2012	1
4							
3	5.57	7.22	5.57	6.94	182328	2012	1
5							
4	6.95	7.21	6.13	6.70	218077	2012	1
6							
...
...							
2399	23283.52	23476.62	22590.22	23321.08	204922	2020	12
24							
2400	26326.42	27454.94	25153.26	26625.21	228801	2020	12
28							
2401	26639.90	27186.88	25823.42	26871.89	228017	2020	12
29							
2402	26914.47	29010.50	26880.26	28894.70	236650	2020	12

```
30
2403 28895.64 29312.12 27892.13 28908.02      232357 2020      12
31
```

```
[2404 rows x 8 columns]
```