

```
In [1]: import numpy as np
import pandas as pd
df = pd.read_csv("bitcoin.csv")
df.head(5)

Out[1]:
      Date      Price
0  5/23/2019  7881.86680
1  5/24/2019  7967.371582
2  5/25/2019  8052.543945
3  5/26/2019  8673.215820
4  5/27/2019  8805.778320

In [2]: df.drop(["Date"],1,inplace=True)

C:\Users\USER\AppData\Local\Temp\ipykernel_10104\1026081018.py:1: FutureWarning: In a future version of pandas all arguments of DataFrame.drop except for the argument 'labels' will be keyword-only.
df.drop(["Date"],1,inplace=True)

In [3]: predictionDays = 30
# Create another column shifted 'n' units up
df["array"] = df.drop(["Prediction"],1)
# Remove the last 'n' rows where 'n' is the predictionDays
x = x.iloc[:-predictionDays]
print(x)

Out[3]:
      Price      Prediction
0  7881.86680  10701.69141
1  7967.371582  10855.37109
2  8052.543945  11011.10254
3  8673.215820  11790.91699
4  8805.778320  13016.23145

In [4]: df.tail()

Out[4]:
      Price      Prediction
362  9729.03806        NaN
363  9522.81445        NaN
364  9081.76719        NaN
365  9182.57748        NaN
366  9180.04598        NaN

In [5]: # Create the independent data set
# Here we will convert the data frame into a numpy array and drop the prediction column
x = x.drop(["Prediction"],1)
# Remove the last 'n' rows where 'n' is the predictionDays
x = x.iloc[:-predictionDays]
print(x)

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