Stock Price Prediction Using Machine

Learning

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Data Collection & Preparation

DL depends heavily on data. It is the most crucial aspect that makes algorithm training possible. So, this section allows you to download the required dataset.

Collection Of The Dataset

There are many popular open sources for collecting the data. Eg: kaggle.com, UCI repository, etc.

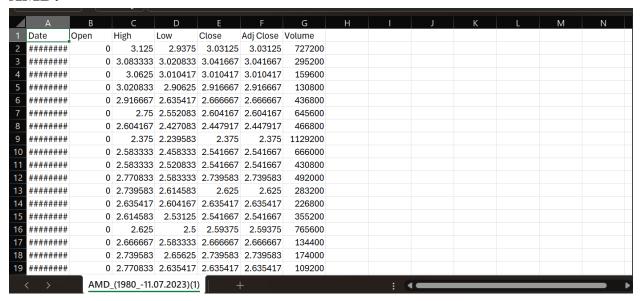
In this project, we have used .csv data. This data is downloaded from kaggle.com. Please refer to the link given below to download the dataset.

As the dataset is downloaded. Let us read and understand the data properly with the help of some visualization techniques and some analyzing techniques.

Note: There are a number of techniques for understanding the data. But here we have used some of it. In an additional way, you can use multiple techniques.

DATASETS

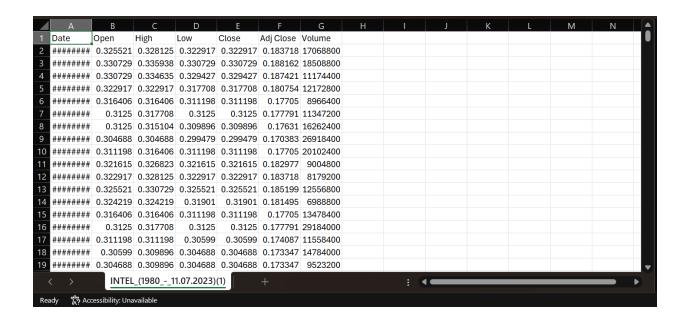
AMD:



ASUS:



INTEL:



MSI:

P	\	В	C _	D	Е	F	G	Н			К	М	N	
1 Date		pen	High	Low	Close	Adj Close		- 11	'	,	K	 IVI	IN	
2 ####		•	122.5			117.7857								
		119												
3 ####		122.5	122.5		122									
4 ####		123	124											
5 ####	####	123.5	124.5	123	124	119.228	915155							
6 ####	####	125	126	124.5	126	121.151	2305489							
7 ####	####	125.5	126.5	124.5	126.5	121.6318	2023221							
8 ####	####	127	127	125	125.5	120.6703	1301508							
9 ####	####	125.5	126.5	124.5	125.5	120.6703	1209358							
10 ####	####	126	127	125	125.5	120.6703	2053567							
11 ####	####	126	127.5	124.5	125.5	120.6703	2162267							
12 ####	####	126	128.5	125	127.5	122.5933	2867750							
13 ####	####	130	133.5	130	133	127.8816	5311964							
14 ####	####	132	134.5	129	131	125.9586	4824774							
15 ####	####	131.5	134.5	130	134	128.8431	4106102							
16 ####	####	134	134	131.5	133	127.8816	2807863							
17 ####	####	132	134	131.5	132	126.9201	2079523							
18 ####	####	131.5	135	131.5	132.5	127.4009	2646467							
19 ####	####	132.5	134.5	131.5	134	128.8431	2392375							

NVIDIA:

