

Python 3.10.10 (tags/v3.10.10:aad5f6a, Feb 7 2023, 17:20:36) [MSC v.1929 64 bit (AMD64)] on win32

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===== RESTART: D:\Projects\stock\_2.py =====

(619040, 7)

	date	open	high	low	close	volume	Name
465465	2013-12-30	91.65	91.9900	91.1776	91.50	980332	PRU
167169	2016-03-31	28.16	28.6900	28.1600	28.63	2615977	DISCA
353302	2016-07-29	18.09	18.2700	17.9950	18.26	1101015	LUK
160657	2015-04-28	58.71	58.9700	58.4700	58.92	3354250	DFS
241963	2014-12-17	136.60	137.8725	135.4800	137.23	1954556	GD
109003	2015-06-11	112.36	113.3000	112.2500	112.97	3199212	CELG
579693	2016-07-27	85.26	85.4200	84.8400	85.17	420110	VRSK

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 619040 entries, 0 to 619039

Data columns (total 7 columns):

#	Column	Non-Null Count	Dtype
0	date	619040 non-null	object
1	open	619029 non-null	float64
2	high	619032 non-null	float64
3	low	619032 non-null	float64
4	close	619040 non-null	float64
5	volume	619040 non-null	int64
6	Name	619040 non-null	object

dtypes: float64(4), int64(1), object(2)

memory usage: 33.1+ MB

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 619040 entries, 0 to 619039

Data columns (total 7 columns):

#	Column	Non-Null Count	Dtype
0	date	619040 non-null	datetime64[ns]
1	open	619029 non-null	float64
2	high	619032 non-null	float64
3	low	619032 non-null	float64
4	close	619040 non-null	float64
5	volume	619040 non-null	int64
6	Name	619040 non-null	object

dtypes: datetime64[ns](1), float64(4), int64(1), object(1)

memory usage: 33.1+ MB

Training data size: 1197

Model: "sequential"

Layer (type)	Output Shape	Param #
lstm (LSTM)	(None, 60, 64)	16,896
lstm_1 (LSTM)	(None, 64)	33,024

dense (Dense)	(None, 32)	2,080
dropout (Dropout)	(None, 32)	0
dense_1 (Dense)	(None, 1)	33

Total params: 52,033 (203.25 KB)

Trainable params: 52,033 (203.25 KB)

Non-trainable params: 0 (0.00 B)

Epoch 1/10

```

1m 1/36 [0m [37m-----[0m [1m1:55[0m 3s/step - loss:
0.2146
1m 2/36 [0m [32m---[0m [37m-----[0m [1m4s[0m 133ms/step - loss:
0.2001
1m 4/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 70ms/step - loss:
0.1707
1m 5/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 86ms/step - loss:
0.1577
1m 6/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 96ms/step - loss:
0.1480
1m 7/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 92ms/step - loss:
0.1402
1m 8/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 87ms/step - loss:
0.1336
1m 9/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 85ms/step - loss:
0.1275
1m10/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 83ms/step - loss:
0.1221
1m11/36 [0m [32m---[0m [37m-----[0m [1m2s[0m 81ms/step - loss:
0.1173
1m12/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 80ms/step - loss:
0.1129
1m13/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 80ms/step - loss:
0.1089
1m14/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 81ms/step - loss:
0.1054
1m15/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 81ms/step - loss:
0.1022
1m16/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 80ms/step - loss:
0.0993
1m17/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 80ms/step - loss:
0.0965
1m18/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 81ms/step - loss:
0.0940
1m19/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 81ms/step - loss:
0.0917
1m20/36 [0m [32m---[0m [37m-----[0m [1m1s[0m 83ms/step - loss:
0.0894

```

1m21/36 0m 32m 0m 37m 0m 1m1s 0m 84ms/step - loss:  
0.0874  
1m22/36 0m 32m 0m 37m 0m 1m1s 0m 86ms/step - loss:  
0.0854