









 jupyter

DL pract4

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         Code 

Recurrent neural network (RNN) Use the Google stock prices d

```
[1]: import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
from sklearn.preprocessing import MinMaxScaler
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import LSTM
from tensorflow.keras.layers import Dense
from tensorflow.keras.layers import Dropout

[2]: dataset_train = pd.read_csv('C:\\Users\\shruti\\Desкто

[3]: dataset_train.head()

[3]:
```

	Date	Open	High	Low	Close	Volume
0	01-03-2012	325.25	332.83	324.97	663.59	73.0
1	01-04-2012	331.27	333.87	329.08	666.45	57.0
2	01-05-2012	329.83	330.75	326.89	657.21	65.0
3	01-06-2012	328.34	328.77	323.68	648.24	54.0
4	01-09-2012	322.04	322.29	309.46	620.76	1.0

```
[4]: training_set = dataset_train.iloc[:, 1: 2].values

[5]: training_set.shape

[5]: (1258, 1)
```