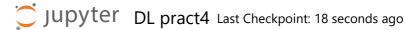
01/05/2024, 22:23 DL pract4





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 dataset_train = pd.read_csv('C:\\Users\\shruti\\Deskto [2]: dataset_train.head() [3]: [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 training_set = dataset_train.iloc[:, 1: 2].values training_set.shape [5]: (1258, 1)