

TEAM ID : PNT2022TMID11668

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Projects / crude oil price / LSTM_Layers

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Kernel starting, please wait... Trusted | Python 3.9

In [1]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt

In [2]: data=pd.read_excel("/content/Crude Oil Prices Daily.xlsx")

FileNotFoundError                                Traceback (most recent call last)
/tmp/wsuser/ipykernel1_226/314978877.py in <module>
----> 1 data=pd.read_excel("/content/Crude Oil Prices Daily.xlsx")

/opt/conda/envs/Python-3.9/lib/python3.9/site-packages/pandas/util/_decorators.py in wrapper(*args, **kwargs)
309         stacklevel=stacklevel,
--> 311         return func(*args, **kwargs)
312
313         return wrapper

/opt/conda/envs/Python-3.9/lib/python3.9/site-packages/pandas/io/excel/_base.py in read_excel(io, sheet_name, header, names, index_col, usecols, squeeze, dtype, engine, converters, true_values, false_values, skiprows, nrows, na_values, keep_default_na, na_filter, verbose, parse_dates, date_parser, thousands, comment, skipfooter, convert_float, mangle_dupe_cols, storage_options)
362     if not isinstance(io, ExcelFile):
363         should_close = True
```

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Not Trusted | Python 3.9

In [7]: data_oil=data.reset_index()['Closing Value']
data_oil

Out[7]: 0      25.56
1      26.00
2      26.53
3      25.85
4      25.87
...
8211    73.89
8212    74.19
8213    73.05
8214    73.78
8215    73.93
Name: Closing Value, Length: 8216, dtype: float64

In [8]: from sklearn.preprocessing import MinMaxScaler
scaler=MinMaxScaler(feature_range=(0,1))
data_oil=scaler.fit_transform(np.array(data_oil).reshape(-1,1))

In [9]: data_oil
```





