jupyter STOCK_MARKET_PROJECT Last Checkpoint: 10 days ago

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Code Ju

Time Series Analysis on Amazon Stock Data

[1]:
```
import yfinance as yf
import matplotlib.pyplot as plt
import warnings
import pandas as pd
import numpy as np
warnings.filterwarnings('ignore')
```

[2]:
```
df=yf.download('AMZN', st
df
```

```
[**********************100%**********************]  1 of 1 completed
```

[2]:

Price	Close	High	Low	Open	Volume
Ticker	AMZN	AMZN	AMZN	AMZN	AMZN
Date					
2024-01-02	149.929993	152.380005	148.389999	151.539993	47339400
2024-01-03	148.470001	151.050003	148.330002	149.199997	49425500
2024-01-04	144.570007	147.380005	144.050003	145.589996	56039800
2024-01-05	145.240005	146.589996	144.529999	144.690002	45124800
2024-01-08	149.100006	149.399994	146.149994	146.740005	46757100
...	...	...	...	...	...
2025-06-27	223.300003	223.300003	216.740005	219.919998	119217100
2025-06-30	219.389999	223.820007	219.119995	223.520004	58887800
2025-07-01	220.460007	221.880005	217.929993	219.500000	39256800
2025-07-02	219.919998	221.600006	219.059998	219.729996	30894200
2025-07-03	223.410004	224.009995	221.360001	221.820007	29632400

377 rows × 5 columns

[3]:
```
df1=df.copy()
```

[26]:
```
plt.figure(figsize=(10,8))
plt.plot(df.index,df['Close'],label='Close Prize',color='blue')
plt.title('AMZN stock price')
plt.xlabel('Price(USD)')
plt.legend()
plt.grid(True)
```