

**data\_fetch.py**

```
1 import yfinance as yf
2 import pandas as pd
3 from datetime import datetime
4
5 def fetch_latest(symbol="AAPL", period="2y", interval="1d"):
6     """
7     Fetch latest stock data from Yahoo Finance
8     and save it to stock_data.csv
9     """
10    print(f"Fetching latest data for {symbol}...")
11
12    df = yf.download(
13        tickers=symbol,
14        period=period,
15        interval=interval,
16        progress=False
17    )
18
19
20    if df.empty:
21        print(" No data fetched.")
22        return
23
24
25    df.reset_index(inplace=True)
26
27
28    df.to_csv("stock_data.csv", index=False)
29
30    print(f" Data updated successfully at {datetime.now()}")
31    print("Saved as stock_data.csv")
32
33
34 if __name__ == "__main__":
35
36    fetch_latest(symbol="AAPL")
37
```