2. yfinance

August 30, 2023

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```
#Immport packages
import yfinance as yf
import pandas as pd
import os
```

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```
# Set the ticker symbol and data ragne to downlaod stock market pricing data

# Stocks :- AAPL, MSFT, AMZN, NVDA, TSLA, GOOGL, UNH
# Sector Indices :- SPINF (^SP500-45)

ticker = "AAPL"                          # Stock ticker symbol
start_date = "2008-08-08"                # Start date in YYYY-MM-DD format
end_date = "2016-07-01"                  # End date in YYYY-MM-DD format
```

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```
# Fetching the data
data = yf.download(ticker, start=start_date, end=end_date)
```

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```
#Print data
#print(data)
```

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```
directory = f"RawStocks"

#If directory doesn't exist, create the directory
if not os.path.exists(directory):
    os.makedirs(directory)
```

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```
#Exporting data to excel file ()
data.to_excel(f"{directory}/{ticker}_stock_data.xlsx", index=True)
```

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