

Guide to Downloading and Processing Stock Data

Step 1: Download Historical Data

1. Go to Investing.com.
2. In the search bar, type the name of your stock.
3. Click on the stock name from the search results.
4. Look for the **"Historical Data"** hyperlink and click on it.
5. Change the time frame to **01/02/2014 - 12/31/2023** (MM/DD/YYYY format).
6. Click the **Download** button to save the file.

Step 2: Download the Country Index Data

1. Search for the stock market index of the country (e.g., S&P 500 for the USA, NIFTY 50 for India).
2. Follow the same steps as above to download its historical data.
3. Rename this file to **Index.csv**.
4. Create a new folder named **Index** in the same directory as the company stock files.
5. Move **Index.csv** into the **Index** folder.

Important: Keep the file and folder names exactly as specified—names are case-sensitive.

Step 3: Set Up the Python Script

1. Download the provided Python script.
2. Place it in the same directory where you saved the company stock files and the **Index** folder.
3. Make sure **Python 3** is installed on your system.

Step 4: Run the Script

1. Open the script in a code editor of your choice.
2. Locate the section in the script where the country name is specified.
3. **Update the country name** to match your assigned country.
4. Save the changes and **run the script**.

Step 5: Retrieve the Output Files

Once the script runs successfully, it will generate two Excel files:

- **Country_stddev.xlsx**
- **Country_company.xlsx**

These files contain the processed stock data you need. **You're all set!**