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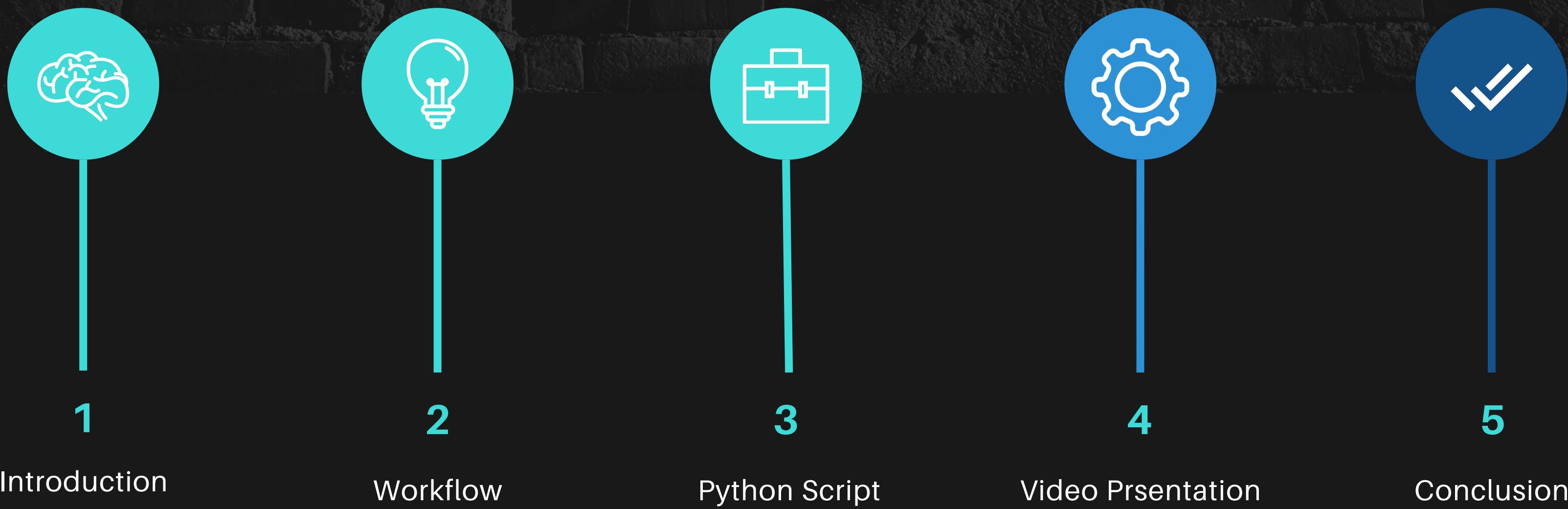
# Assignment

EXTRACTING FINANCIAL NEWS HEADLINE FROM GOOGLE FINANCE



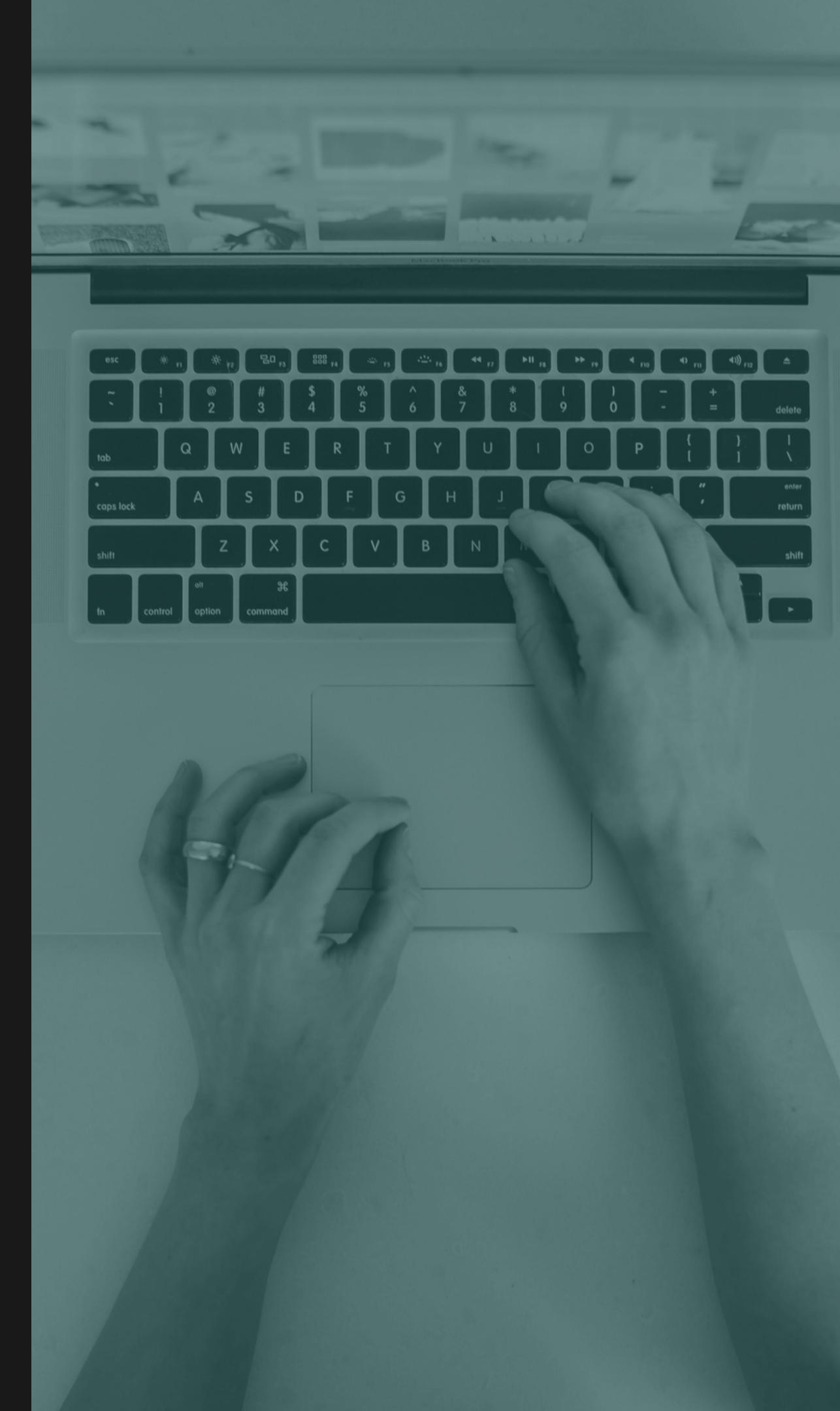
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23913

# Abstract



# Introduction

- **Accessibility** to the local finance news helps many inverters and businesses owners etc.
- **Comprehensive** the news from various sources within the Google Finance platform.
- **Efficiency** of automate the process, saving valuable time and effort to get **Actionable Insights**



# Libraries:

## **openpyxl**

library for working with Excel files, allowing to create, read, and modify Excel spreadsheets  
Used for storing extracted news headlines, links, and ticker symbols in a structured format.

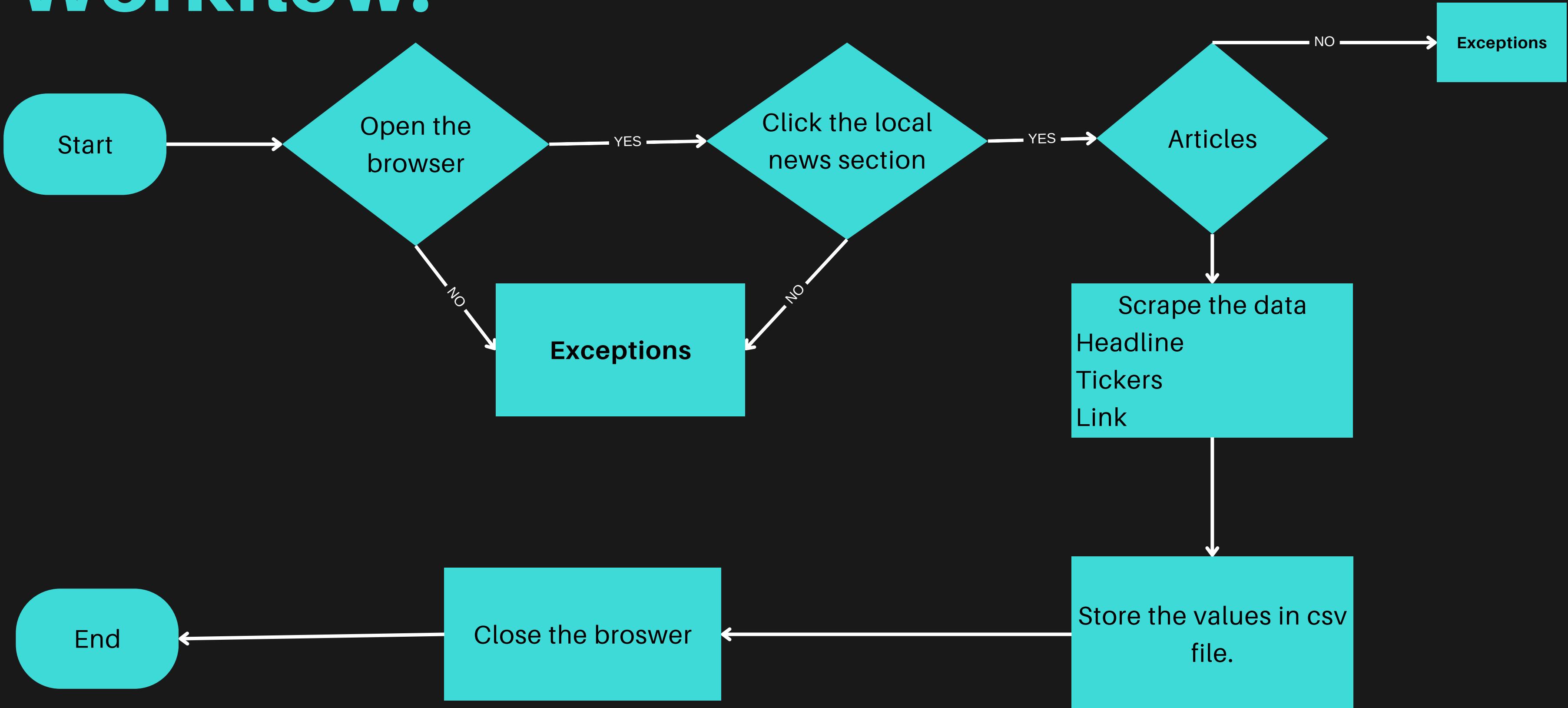
## **TIME**

Provides functions for handling date, time, and duration in Python.  
Used to wait for some duration for the respective task to get over.

## **SELENIUM**

Web automation framework for Python  
Used to Automating navigation, element selection, and data extraction from website

# Workflow:



# Exceptions Handling

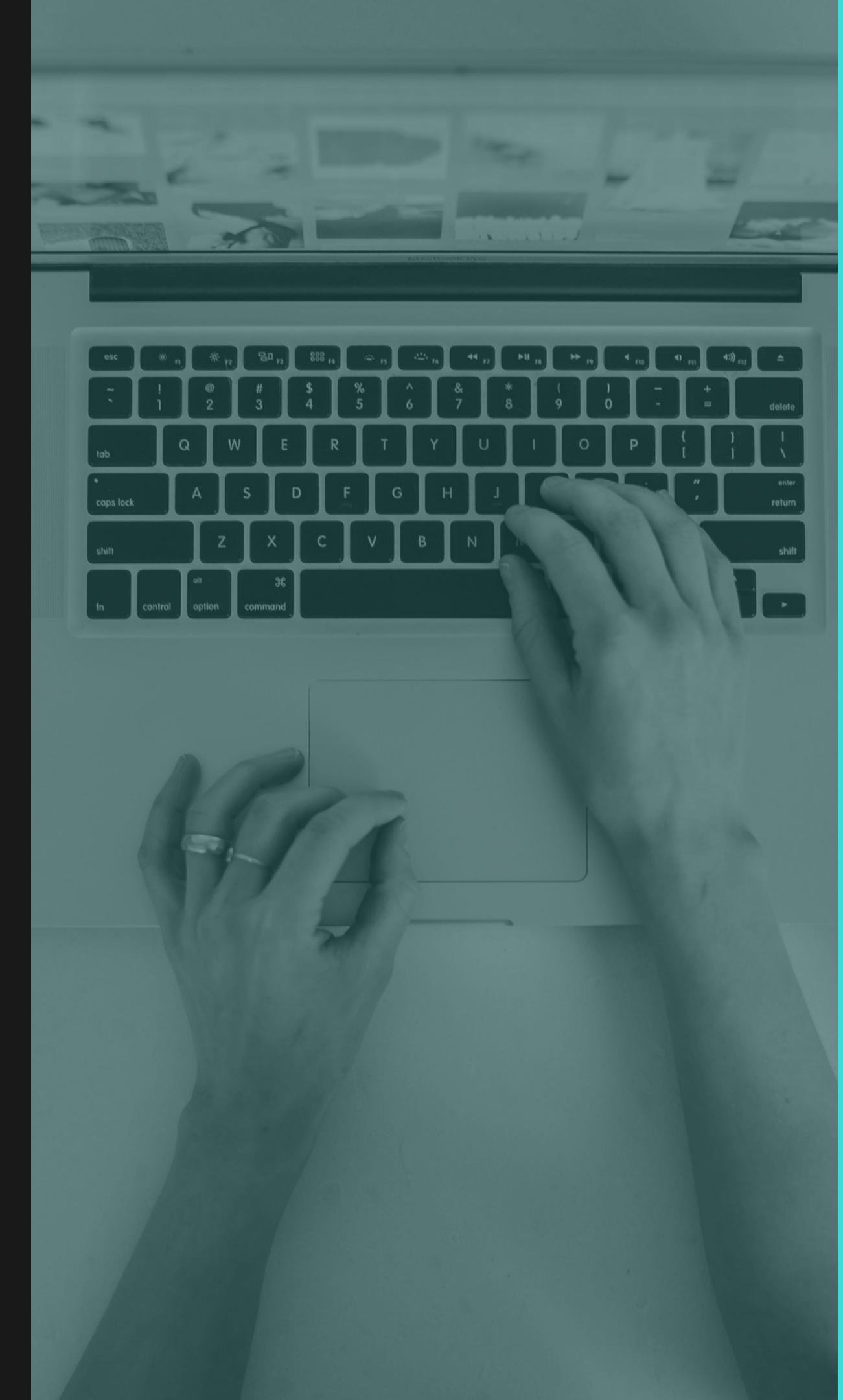
- Try-except blocks
- Waiting
- WebDriverWait

To catch and handle specific exceptions gracefully.

Using wait techniques for elements to load.

Checking element visibility before interacting

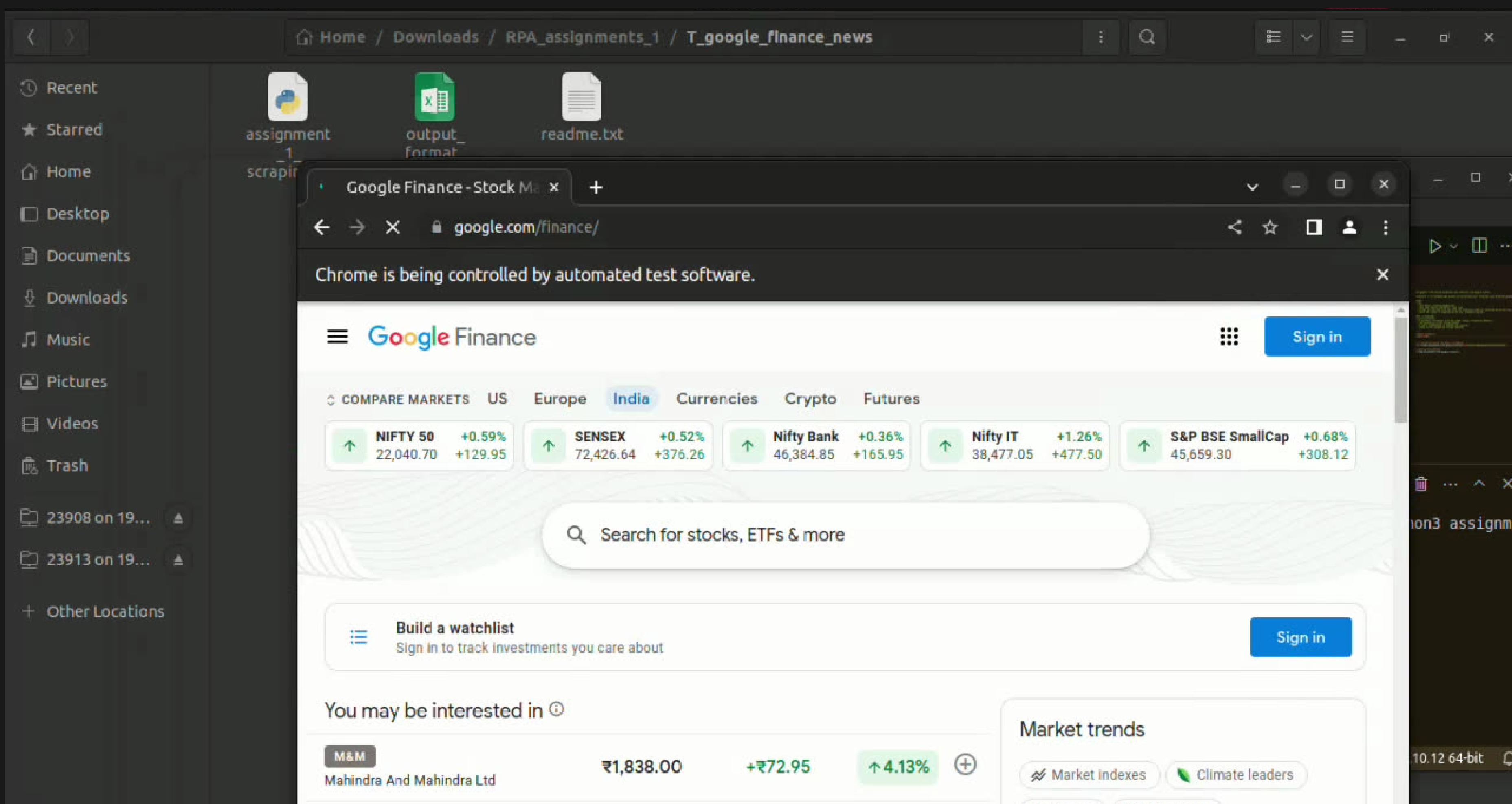
# Python Code:



SHILLISS



# Video:



# Expected:

	A	B	C	D
1	Headline	Tickers	Link	
2	ET Market Watch: Sensex rises 440 pts, Nifty above 21,800 lvs; Hotel stocks shine	SENSEX,NIFTY_50	<a href="https://economictimes.indiatimes.com/markets/stocks/etmarkets-podcast/et-market-watch-sensex-rises-440-pts-nifty-above-21800-lvl-hotel-stocks-shine/podcast/107367718.cms?from=mdr">https://economictimes.indiatimes.com/markets/stocks/etmarkets-podcast/et-market-watch-sensex-rises-440-pts-nifty-above-21800-lvl-hotel-stocks-shine/podcast/107367718.cms?from=mdr</a>	
3	BLS E-Services IPO allotment: Here's how to check status and other details	BLS	<a href="https://www.hindustantimes.com/business/bls-e-services-ipo-allotment-heres-how-to-check-status-and-other-details-101706872834444.html">https://www.hindustantimes.com/business/bls-e-services-ipo-allotment-heres-how-to-check-status-and-other-details-101706872834444.html</a>	
4	Gainers and Losers: 10 stocks that moved the most on February 2	SENSEX,NIFTY_50	<a href="https://www.moneycontrol.com/news/photos/business/stocks/gainers-and-losers-10-stocks-that-moved-the-most-on-february-2-12182001.html">https://www.moneycontrol.com/news/photos/business/stocks/gainers-and-losers-10-stocks-that-moved-the-most-on-february-2-12182001.html</a>	
5				
6				

# Output:

	A	B	C	D
1	Headline	Tickers	Link	
2	Trade Setup for Feb 19: Global cues may spoil Nifty's party towards new highs	NIFTY_50	<a href="https://www.cnbcv18.com/market/trade-setup-feb-19-nifty-50-key-levels-nifty-bank-zee-sula-manappuram-shares-19076241.htm">https://www.cnbcv18.com/market/trade-setup-feb-19-nifty-50-key-levels-nifty-bank-zee-sula-manappuram-shares-19076241.htm</a>	
3	Nifty In Technical Charts: Renewed Expectations For A High	NIFTY_50, SENSEX	<a href="https://www.ndtvprofit.com/opinion/nifty-in-technical-charts-renewed-expectations-for-a-high">https://www.ndtvprofit.com/opinion/nifty-in-technical-charts-renewed-expectations-for-a-high</a>	
4	3 stock ideas from Rajesh Palviya for the week ahead	NIFTY_50, FEDERALBNK	<a href="https://m.economictimes.com/markets/expert-view/3-stock-ideas-from-rajesh-palviya-for-the-week-ahead/articleshow/107776952.cms">https://m.economictimes.com/markets/expert-view/3-stock-ideas-from-rajesh-palviya-for-the-week-ahead/articleshow/107776952.cms</a>	
5	Buy or sell: Sumeet Bagadia recommends three stocks to buy on Monday — Feb 19	ADANIPORTS	<a href="https://www.livemint.com/market/stock-market-news/buy-or-sell-sumeet-bagadia-recommends-three-stocks-to-buy-on-monday-feb-19-11708144344291.html">https://www.livemint.com/market/stock-market-news/buy-or-sell-sumeet-bagadia-recommends-three-stocks-to-buy-on-monday-feb-19-11708144344291.html</a>	
6	Stock Market Highlights: Nifty ready to test all-time peak levels. What traders should do next week	NIFTY_50, SENSEX	<a href="https://economictimes.indiatimes.com/markets/stocks/live-blog/bse-sensex-today-live-nifty-stock-market-updates-16-february-2024/liveblog/107736456.cms">https://economictimes.indiatimes.com/markets/stocks/live-blog/bse-sensex-today-live-nifty-stock-market-updates-16-february-2024/liveblog/107736456.cms</a>	
7	After the rally last week, will markets scale new highs?	NIFTY_50	<a href="https://www.siasat.com/after-the-rally-last-week-will-markets-scale-new-highs-2979449/">https://www.siasat.com/after-the-rally-last-week-will-markets-scale-new-highs-2979449/</a>	
8	Vibhor Steel Tubes IPO: Step By Step Guide To Check Allotment Status Online On BSE		<a href="https://www.timesnownews.com/business-economy/companies/vibhor-steel-tubes-ipo-step-by-step-guide-to-check-allotment-status-online-on-bse-article-107769638">https://www.timesnownews.com/business-economy/companies/vibhor-steel-tubes-ipo-step-by-step-guide-to-check-allotment-status-online-on-bse-article-107769638</a>	

**Thank you!  
Sairam...**