

Extracting and Structuring News Article Content from the Indian Express Homepage Using Web Scraping

Problem Statement:

You are tasked with developing a Python script that automatically extracts news headlines and their corresponding article text from the Indian Express (<https://indianexpress.com/>) homepage. The goal is to collect and organize this data into a structured format (like a DataFrame) for further analysis, such as summarization, keyword extraction, or topic modeling.

The script should:

- Scrape the homepage for Major Stories (Top News/Latest News) and the actual content of these articles
- Store the article title, link, and full text in a structured format like a pandas DataFrame.
- Include basic error handling for network failures or invalid pages.

Constraints:

- The script must use requests, BeautifulSoup, and pandas.
- Avoid scraping too aggressively — implement a polite and efficient scraping strategy.
- Should work on live pages and be easy to modify to handle saved HTML files later.

Deliverable/ Submission Format:

- Solution 1: A clean, well-commented Python script (.Py) Only.
- Solution 2: A CSV file containing the scraped article data in the below mentioned Google Drive link. Column headings of CSV be strictly as follows:

NEWS_TITLE Interns Name NEWS_LINK FULL_SCRAPED_TEXT

Google Drive link: [Scraping News Article CSV Files](#)

You are supposed to scrape 20 to 30 pieces of news.