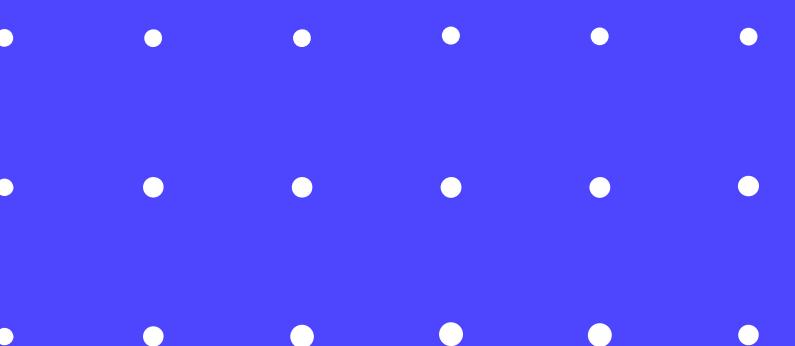


News Extraction in Python

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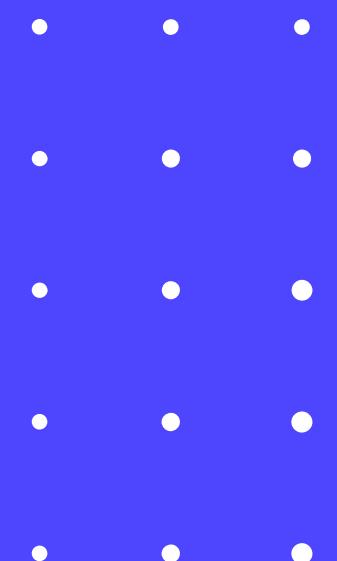


Introduction

- Extraction is the process of removing required data from a source
- Here the source is a news website, Inshorts (<https://www.inshorts.com/en/read>)
- Ultimately the data extracted is in the form of string. After extracting the data, we have tried to parse it
- Parsing is a method where one string of data gets converted into different forms of data

Our Objective

- From the news webpage, we have extracted the headlines, keyword, image URL, source URL, author, summary of each news article on that web page
- After extracting the data, we have created a front-end to display it using HTML and CSS
- We have also used object oriented programming approach to encapsulate our data



Technologies Used

- The source code is written in python3 with the help of some libraries and built-in functions
- The python libraries used are flask, BeautifulSoup4 and requests
- The source code 'test.py' can run on any IDE that supports python 3 and has the above libraries installed

Technologies Used

- 'requests' to requests the access of the data from the news webpage URL
- 'bs4 (BeautifulSoup4)' to parse the data in the required form
- 'flask' to build the web application



News Extraction

localhost:5000

**GOVT. OF NCT OF DELHI
Delhi State Health Bulletin - COVID-19
(No. 338 JUNE 22nd 2022)**

COVID-19 Positive Cases Status of last 24 hours

Total COVID positive patients in Home Isolation	3092
Total COVID positive patients in CCC	00
Total COVID positive patients in CHC	00
Total COVID positive Patients admitted in Hospitals	234

Delhi reports less than 1,000 COVID-19 cases, positivity rate drops to 7.08%

Delhi reported 928 fresh COVID-19 cases and three deaths on Wednesday, as per an official health bulletin. The city reported 1,383 cases on Tuesday and 1,060 cases on Monday. The COVID-19 positivity rate in the national capital dropped to 7.08% from 7.22% reported the previous day. The active cases stood at 5,054 as compared to 5,595 recorded on Tuesday.

Author - Deepika Bhatt

Keyword - Delhi

Essential to get out of unnatural alliance: Eknath Shinde after Thackeray's speech

Rebel Shiv Sena leader Eknath Shinde on Wednesday said, "It is essential to get out of the unnatural front for the survival of the party and Shiv Sainiks." His remarks came soon after CM Uddhav Thackeray addressed the state amid the political crisis. Shinde added, "Decisions need to be taken now in the interest of Maharashtra."

Author - Deepika Bhatt

Keyword - Essential

Flash floods & landslides after heavy rains block highways in J&K, schools shut

Heavy rains lashed parts of Jammu and Kashmir on Wednesday, triggering flash floods and landslides in many areas. The Jammu-Srinagar National Highway was blocked at several places, the Mughal road was blocked due to a landslide at Poshana and SSG road was blocked at Chini Nalla. Schools in Doda, Kishtwar and Ramban were closed for the day due to rains.

Author - Deepika Bhatt

Keyword - Flash

News Extraction

localhost:5000

I was morphed onto porn sites, had sh*t coming in dabbas after calling out Salman: Sona

Singer Sona Mohapatra told ETimes she received death threats after she spoke up against Salman Khan's 2016 statement wherein he said he felt like a raped woman after shooting for 'Sultan.' "I...[went]...through the most horrible...trolling including...sh*t coming in dabbas into my studio because I had called out Salman," she said. Sona added she was also "morphed onto porn sites".

Author - Daisy Mowke

Keyword - I

Video shows man riding overloaded scooter by sitting on its edge, T'gana Police reacts

Telangana Police reacted to a clip showing a man riding an overloaded scooter by sitting on edge of pillion seat. A Twitter user captioned it, "My 32 GB phone carrying 31.9 GB data." "There's a possibility to retrieve...data from...mobile, even if it's damaged. But not life...So our appeal to people...[to]...avoid putting their lives at risk and others' too," wrote police.

Author - Daisy Mowke

Keyword - Video

Neymar's private jet makes emergency landing in Brazil

PSG and Brazil forward Neymar's private jet had to make an emergency landing at an airport in the northern Brazilian city of Boa Vista. As per Neymar's agency, the aircraft, a Cessna 680 Citation model, had to make an emergency landing to resolve a problem in the windshield wiper of the plane. Everyone on board escaped unharmed.

Author - Anmol Sharma

Keyword - Neymar's