Article Popularity Based Reconfiguring News Site

Nikhill Shanmukhan
Sidharth Sreekumar
Siddharth Biju
Sachit Anand

Federal Institute of Science And Technology (FISAT)®

2019

Table of Contents

Introduction

- News is the information about an event happening right now.

Introduction Cont..

- Online news reading has become a popular way to read news articles from a huge collection of news sources all around.
- In this work we present a method for identifying top news around us that consist of diverse news categories.

Problem Statement

- Detect important and popular news.
- Display news in the form of a web page.

Scopes and Challenges

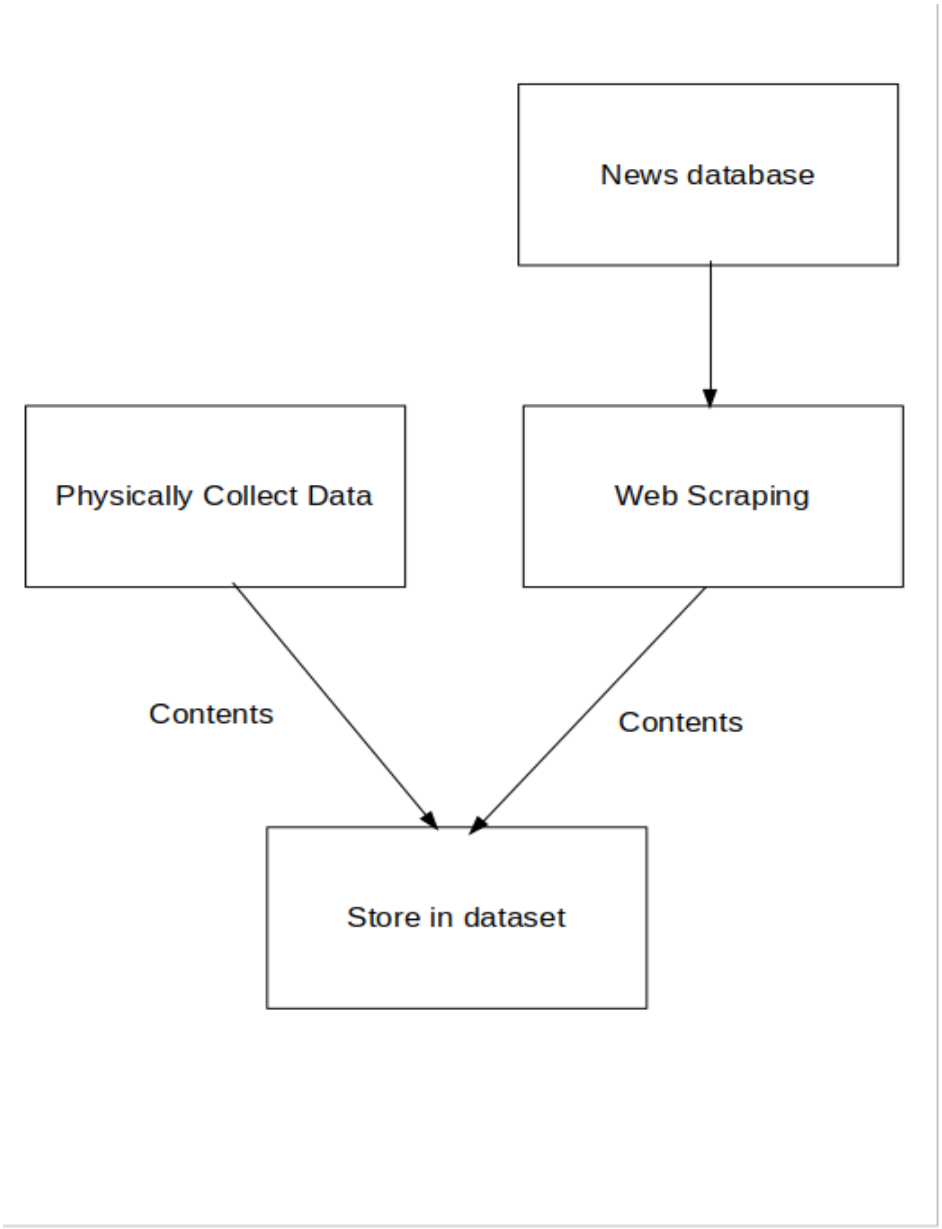
An efficient news website that displays all the popular news at the top followed by less popular ones

Proposed method

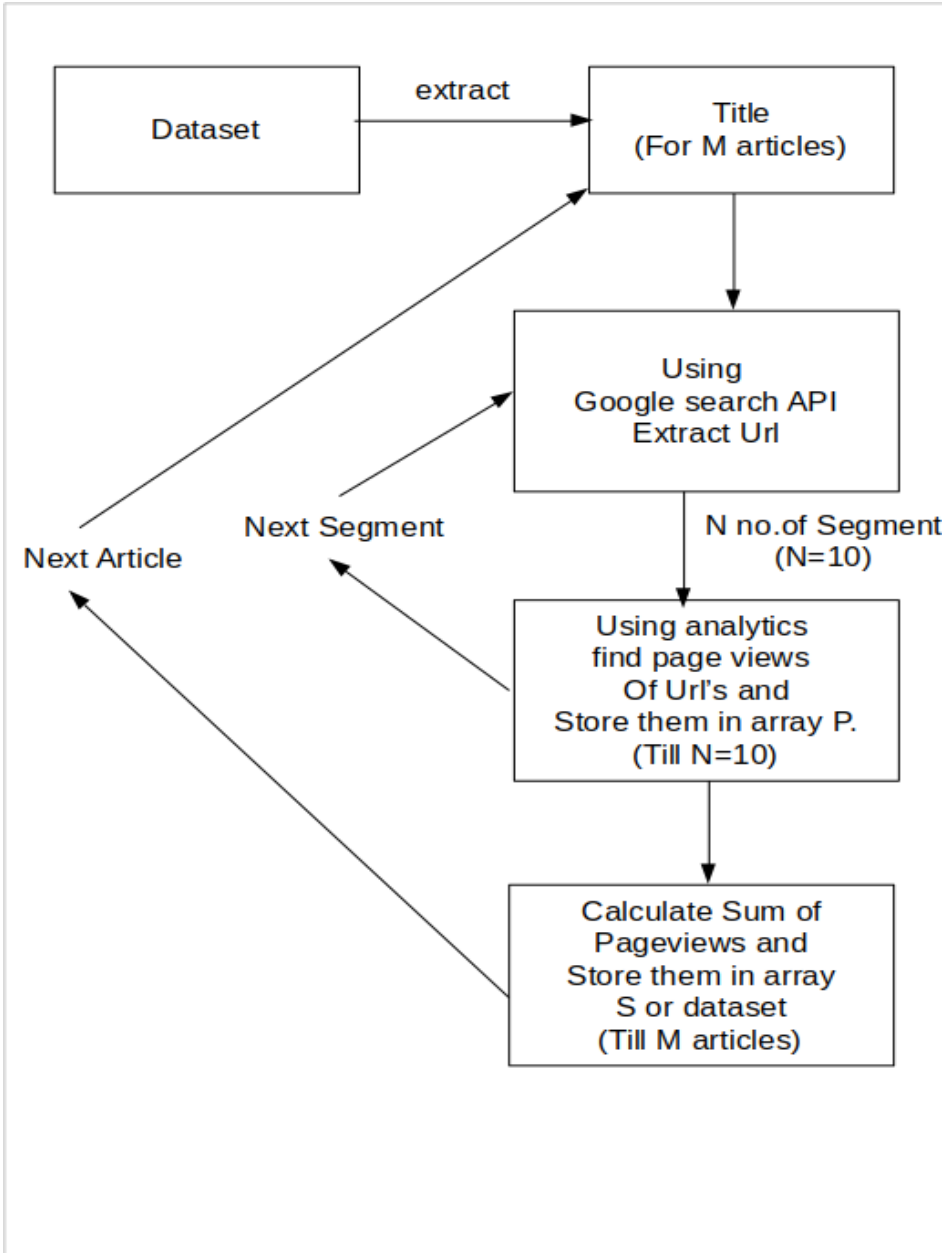
In this work, we propose a method to detect and to sort important news stories in web environment.

- Create data set physically or extract from other news websites by web scrapping.
- Use google search to fetch URLs containing news.
- Analyze the total page views for each articles using Analytic data.
- Sort the data set according to page view and display it.

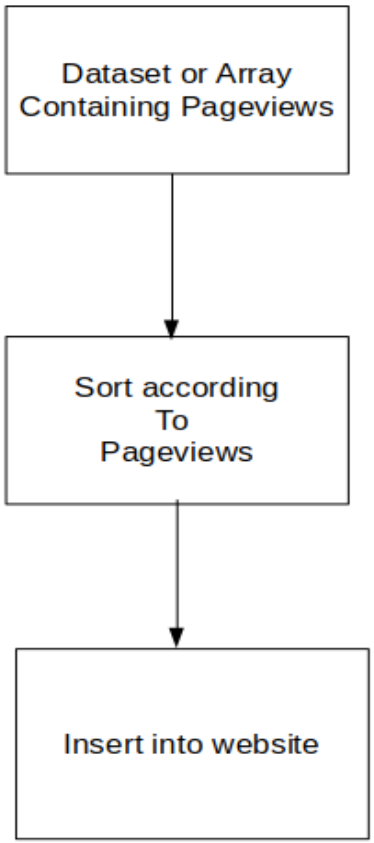
Phase 1


News database
Physically Collect Data
Web Scraping
Contents
Contents
Store in dataset

Phase 2


Dataset
extract
Title
(For M articles)
Using
Google search API
Extract Url
N no.of Segment
(N=10)
Next Segment
Next Article
Using analytics
find page views
Of Url's and
Store them in array P.
(Till N=10)
Calculate Sum of
Pageviews and
Store them in array
S or dataset
(Till M articles)

Phase 3


Dataset or Array
Containing Pageviews
Sort according
To
Pageviews
Insert into website

Ethical and Social Relevance

- Our website gives the latest and popular news to the public.
- The site play a vital role in educating and informing Mass with latest updates, current happenings around the globe.

Current Status

- Implemented a web UI which displays news by location from a JSON file using react.

Completion Time

- 18 November 2019.

Conclusion

An efficient news website that displays all the popular news at the top followed by less popular ones

Reference

[1]https://www.ibm.com
[2]https://en.wikipedia.org
[3]https://en.wiktionary.org
[4]https://medium.com