

## Part - 2 Yioop summary analysis

Below are the pages and analysis:

1. <https://www.etsy.com/>

a) Three information needs this page might be providing in descending order of importance (without looking at the page data)

It seems like a shopping website, details might be:

- Search for items to purchase
- Search for gifts
- Search Jewelry

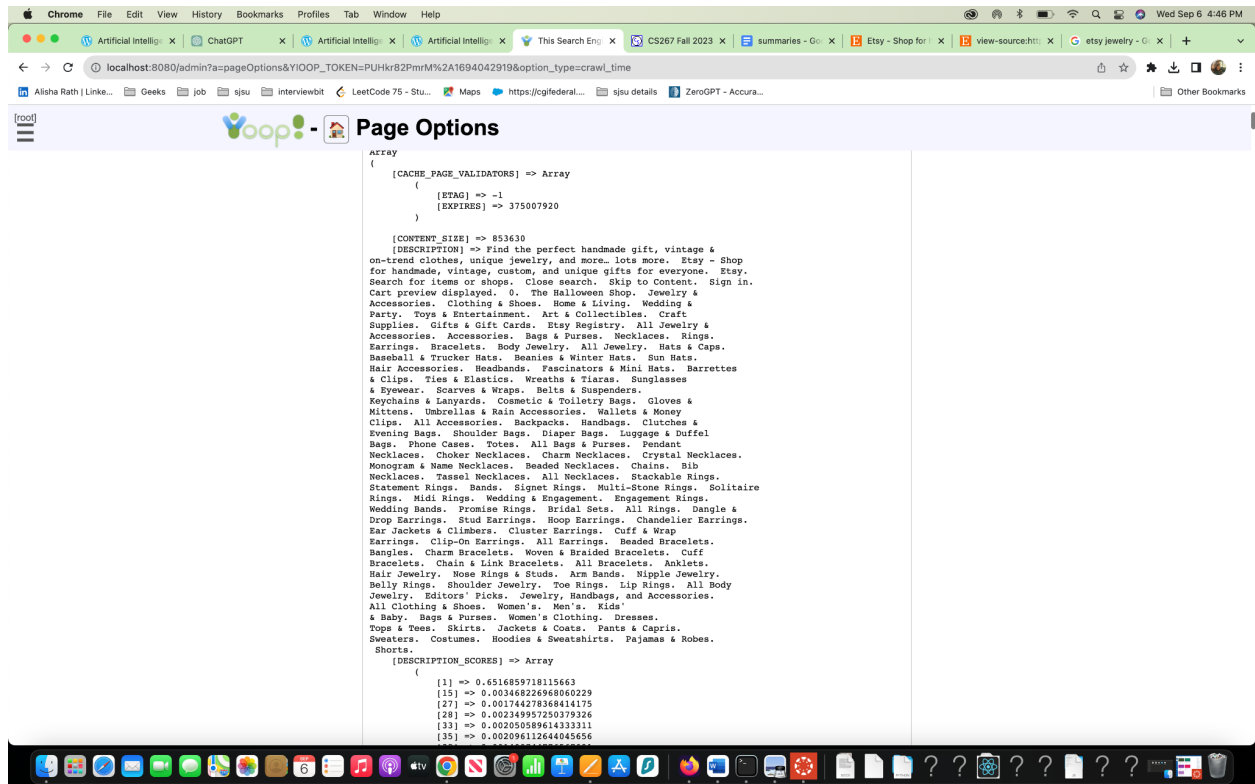
b) Query to get information needs:

- i) Search items
- ii) gift
- iii) Jewelry

c) 5-sentence summary (by hand):

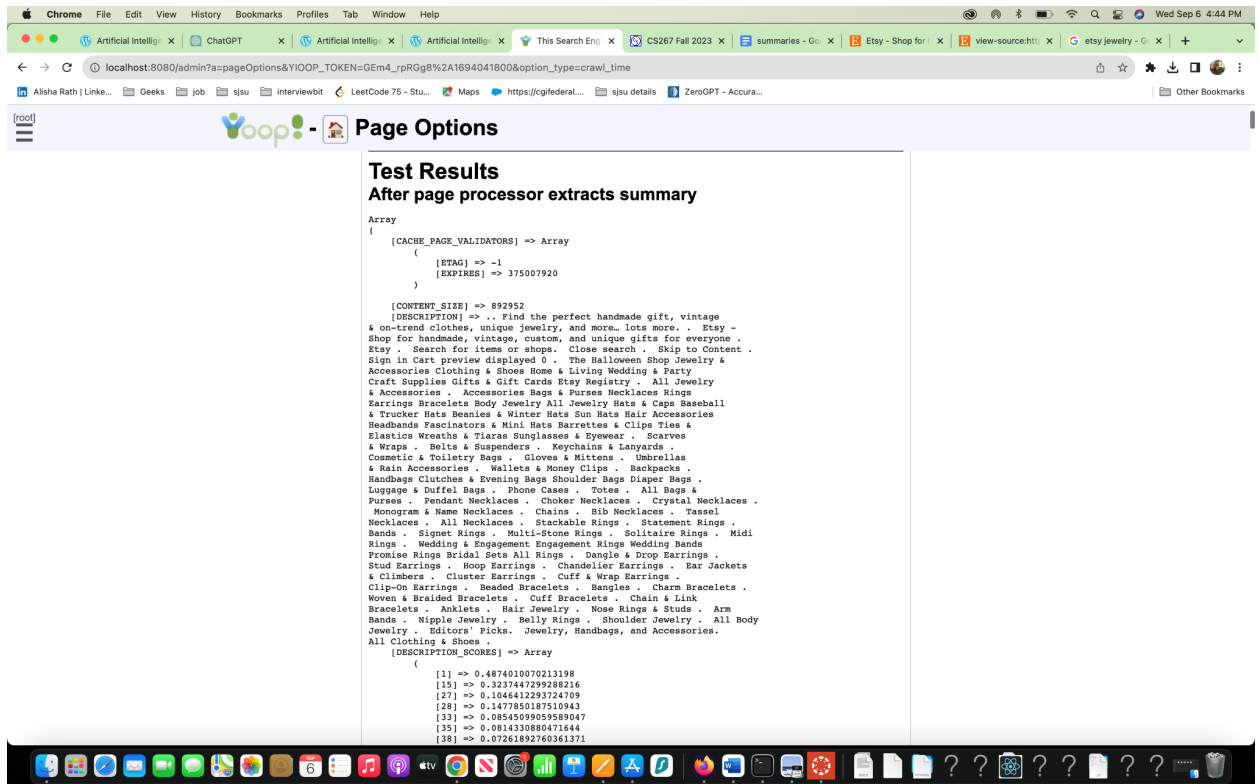
Etsy - Shop for handmade, vintage, custom, and unique gifts for everyone. Find the perfect handmade gift, vintage & on-trend clothes, unique jewelry, and more... lots more. Personalized Cutting Board Wedding Gift, Customize your Bamboo Charcuterie Boards, Unique Bridal Shower Gift. Engraved Engagement Present. Personalized Family Name Metal Sign, Last Name Sign, Initial, Metal Monogram, Door Hanger, Housewarming Gift, Wedding Monogram, Anniversary. Personalized Children's Activity Advent Calendar | Alternative Advent Calendar with Festive Activity Ideas for Kids | Reusable Wooden Advent

d) BASIC summarization of yioop:



Find the perfect handmade gift, vintage & on-trend clothes, unique jewelry, and more... lots more. Etsy - Shop for handmade, vintage, custom, and unique gifts for everyone. Etsy. Search for items or shops. Close search.

e) Centroid Weighted Summarization of yioop



Find the perfect handmade gift, vintage  
& on-trend clothes, unique jewelry, and more... lots more. . Etsy -  
Shop for handmade, vintage, custom, and unique gifts for everyone.  
Etsy. Search for items or shops. Close search.

f) Number of summary lines that contain all the query terms

Query terms	By hand	BASIC	Centroid Weighted
Search item	0	1	1
gift	4	1	1
Jewelry	1	1	1

g) Compare Yioop vs. human result

The matrix above displays the search query terms found in summaries, comparing "on hand" results and the Yioop-based approach. It's evident from the matrix that Yioop yields a consistent distribution of search results based on summaries, whereas the "on hand" summarization method exhibited significant irregularities in its handling of queries. Consequently, in this specific case, Yioop delivered superior search results.

2. <https://cinequest.org/>

a) Three information needs this page might be providing in descending order of importance (without looking at the page data)

It seems like a movie ticket booking website, details might be:

- about cinequest
- Buy ticket
- movies list

b) Query to get information needs:

- about
- ticket
- Best film

c) 5-sentence summary (by hand):

Voted the Best Film Festival by USA Today readers, Cinequest Film & Creativity Festival is a celebration of creativity and innovation.

Cinequest | create, innovate, empower.

Tickets.

About Cinequest.

Featured Films

d) BASIC summarization of yioop:

**Page Options**

Test Process Page

### Test Results

After page processor extracts summary

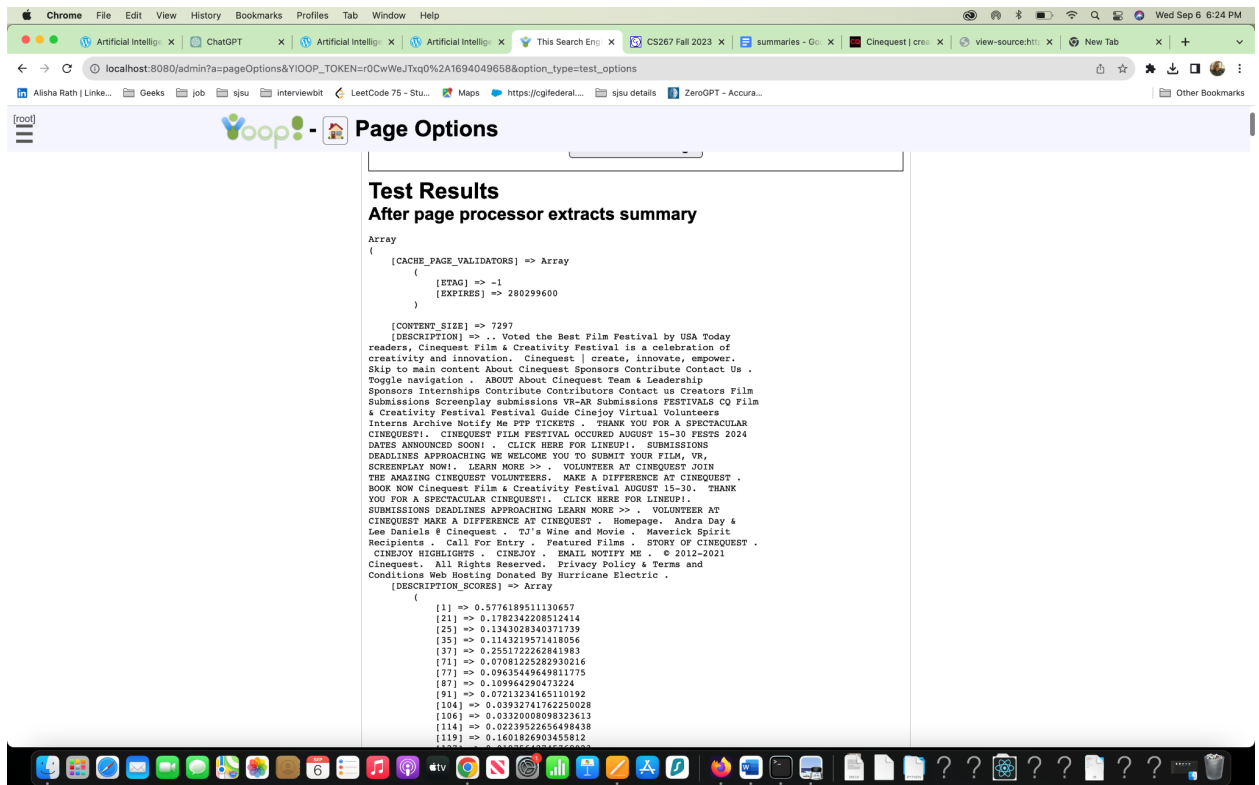
```
Array
(
    [CACHE_PAGE_VALIDATORS] => Array
        (
            [ETAG] => -1
            [EXPIRES] => 28029600
        )

    [CONTENT_SIZE] => 7293
    [DESCRIPTION] => Voted the Best Film Festival by USA Today readers, Cinequest Film & Creativity Festival is a celebration of creativity and innovation. Cinequest | create, innovate, empower. Skip to main content. About Cinequest. Sponsors. Contribute. Contact Us. Toggle navigation. ABOUT About Cinequest. Team & Leadership. Sponsors. Internships. Contribute. Contributors. Contact us. Creators Film Submissions. Screenplay submissions. VR-AR Submissions. FESTIVALS CQ Film & Creativity Festival. Festival Guide. Cinejoy Virtual. Volunteers. Interns. Archive. Notify Me. PFP. TICKETS. THANK YOU FOR A SPECTACULAR CINEQUEST!. CINEQUEST FILM FESTIVAL OCCURRED AUGUST 15-10PETS 2024 DATES ANNOUNCED SOON!. CLICK HERE FOR LINEUP!. SUBMISSIONS DEADLINES APPROACHING. WE WELCOME YOU TO SUBMIT YOURFILM, VR, SCREENPLAYNOW!. LEARN MORE &gt;&gt;. VOLUNTEER AT CINEQUEST. JOIN THE AMAZINGCINEQUEST VOLUNTEERS. MAKE A DIFFERENCE AT CINEQUEST. BOOK NOW Cinequest Film & Creativity Festival. AUGUST 15-30. THANK YOU FOR A SPECTACULAR CINEQUEST!. CLICK HERE FOR LINEUP!. SUBMISSIONS DEADLINES APPROACHING. LEARN MORE &gt;&gt;. VOLUNTEER AT CINEQUEST. MAKE A DIFFERENCE AT CINEQUEST. Homepage. Andra Day & Lee Daniels & Cinequest. T2's Wine and Movie. Haverick Spirit Recipients. Call For Entry. Featured Films. STORY OF CINEQUEST. CINEJOY HIGHLIGHTS. CINEJOY. EMAIL NOTIFY ME. © 2012-2021 Cinequest. All Rights Reserved. Privacy Policy & Terms and Conditions Web Hosting Donated By Hurricane Electric.
    [DESCRIPTION_SCORES] => Array
        (
            [1] => 0.7621743559367311
            [21] => 0.00434830173479213
            [25] => 0.003782532612932086
            [29] => 0.002182197716809344
            [31] => 0.001929446416895094
            [32] => 0.002005494073574636
            [33] => 0.001997140914742335
            [35] => 0.003120679626675552
            [37] => 0.002075008657910464
            [40] => 0.00206741138380271
            [43] => 0.001753997382423467
        )
)
```

Voted the Best Film Festival by USA Today readers, Cinequest Film & Creativity Festival is a celebration of creativity and innovation. Cinequest | create, innovate, empower.

Skip to main content. About Cinequest. Sponsors.

#### e) Centroid Weighted Summarization of yioop



Voted the Best Film Festival by USA Today readers, Cinequest Film & Creativity Festival is a celebration of creativity and innovation. Cinequest | create, innovate, empower. Skip to main content About Cinequest Sponsors Contribute Contact Us. Toggle navigation. ABOUT About Cinequest Team & Leadership Sponsors Internships Contribute Contributors Contact us Creators Film Submissions Screenplay submissions VR-AR Submissions FESTIVALS CQ Film & Creativity Festival Festival Guide Cinejoy Virtual Volunteers Interns Archive Notify Me PTP TICKETS.

#### f) Number of summary lines that contain all the query terms

Query terms	By hand	BASIC	Centroid Weighted

about	1	1	2
ticket	1	0	1
Best film	1	1	1

g) Compare Yioop vs. human result

The matrix above illustrates the search query terms found in summaries, contrasting the outcomes between the "on hand" method and the Yioop-based approach. In this particular scenario, the "on hand" approach appeared to provide more favorable results for the given query compared to the BASIC type. Furthermore, the Centroid weighted summary outperformed the other two summary types. Consequently, the overall performance of Yioop was at its best when utilizing the centroid weighted summary.

### 3. [https://en.wikipedia.org/wiki/Halifax\\_Explosion](https://en.wikipedia.org/wiki/Halifax_Explosion)

a) Three information needs this page might be providing in descending order of importance (without looking at the page data)

It seems like a Wikipedia page, details might be:

- Background of the Halifax Explosion
- Damage caused
- What caused the explosion

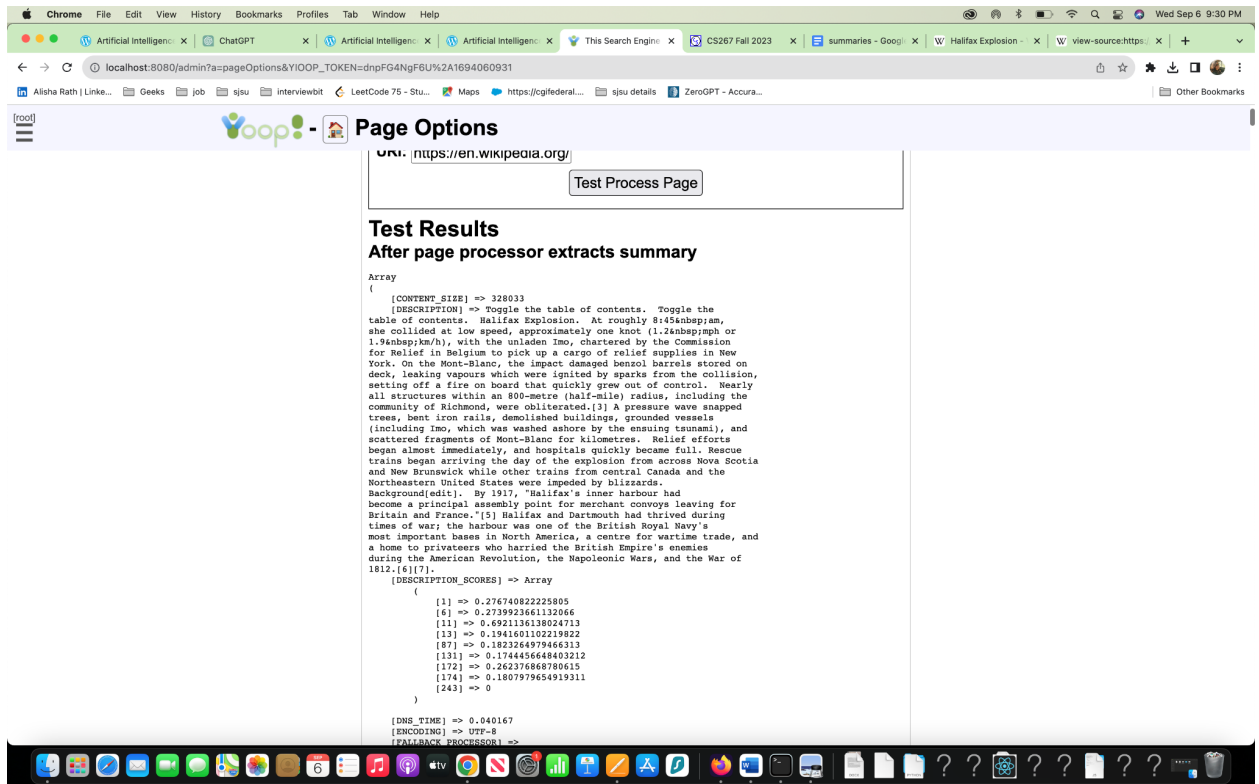
b) Query to get information needs:

- i) about
- ii) disaster
- iii) explosion

c) 5-sentence summary (by hand):

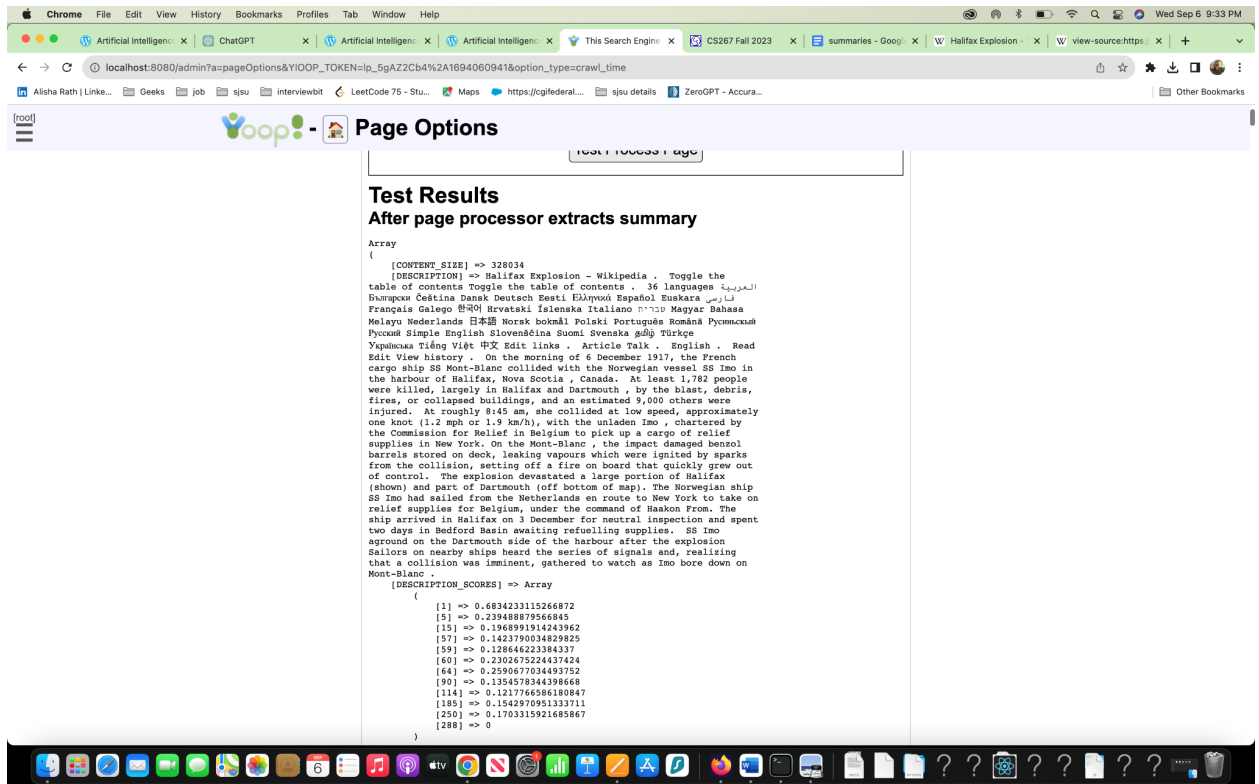
This article is about the disaster. Background. Disaster.Collision and fire. Rescue efforts.

d) BASIC summarization of yioop:



Toggle the table of contents. Toggle the table of contents. Halifax Explosion. At roughly 8:45&nbsp;am, she collided at low speed, approximately one knot (1.2&nbsp;mph or 1.9&nbsp;km/h), with the unladen Imo, chartered by the Commission for Relief in Belgium to pick up a cargo of relief supplies in New York. On the Mont-Blanc, the impact damaged benzol barrels stored on deck, leaking vapors that were ignited by sparks from the collision, setting off a fire on board that quickly grew out of control.

e) Centroid Weighted Summarization of yioop



Halifax Explosion - Wikipedia. Toggle the table of contents Toggle the table of contents . 36 languages العربية  
 Български Čeština Dansk Deutsch Eesti Ελληνικά Español Euskara فارسی  
 Français Galego 한국어 Hrvatski Íslenska Italiano עברית Magyar Bahasa  
 Melayu Nederlands 日本語 Norsk bokmål Polski Português Română Русиньский  
 Русский Simple English Slovenščina Suomi Svenska தமிழ் Türkçe  
 Українська Tiếng Việt 中文 Edit links. Article Talk. English.

f) Number of summary lines that contain all the query terms

Query terms	By hand	BASIC	Centroid Weighted
about	1	0	0
disaster	1	0	0
explosion	1	1	1

g) Compare Yioop vs. human result

The provided matrix presents search query terms within summaries, drawing a comparison between the results obtained from the "on hand" approach and the



Yioop-based method. Based on the data and summary provided above, it appears that the "on hand" approach outperforms Yioop, as it contains a greater number of the required query terms. However, when examining the summary results generated by the BASIC method, it offers more comprehensive information about the explosion's occurrence.