

AI Powered News Search App

Summary :

The web is home to massive amounts of data, with more being created every day. Organizations can harness this constant stream of information to gain understanding, plan strategies, and find opportunities. Enriched news data can help your application make dynamic connections across current events faster.

In this project, you'll start with the basics and build your own news mining web application using Node-RED / Python Web App and the IBM Watson Discovery Service.

To do this, you'll:

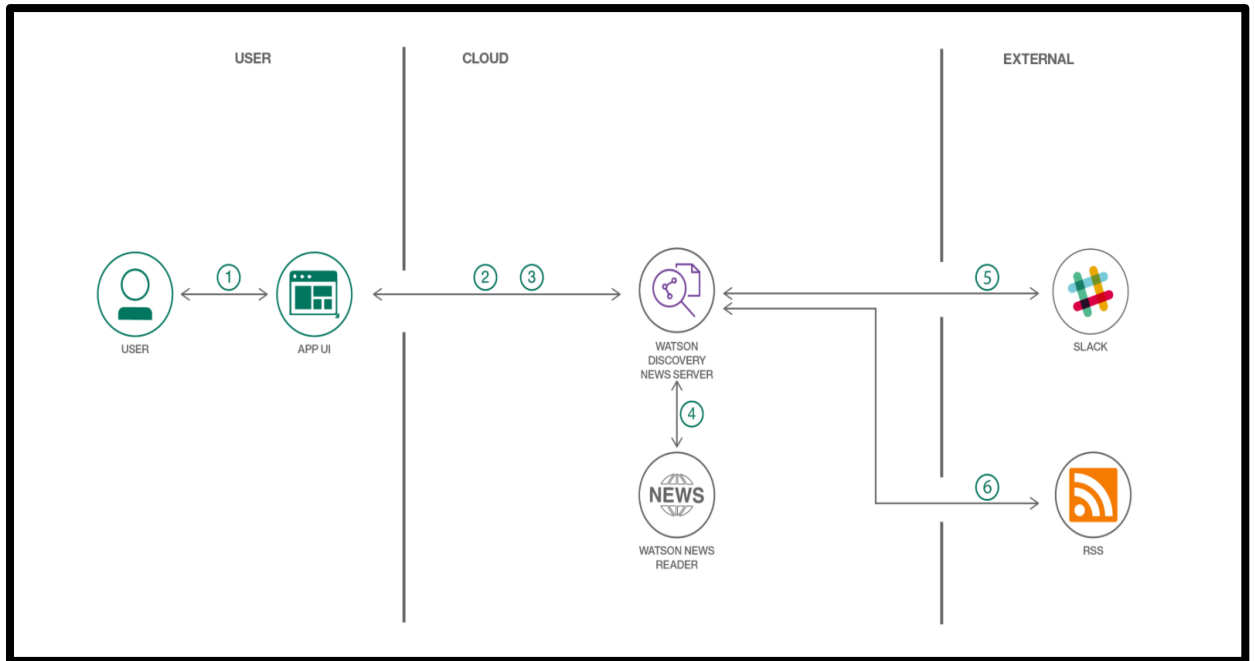
- Build a Server Side Application using Node-RED
- Use the pre-built Watson Discovery News collection
- Access the Watson Discovery Service through the Discovery API

Optionally, you can choose to:

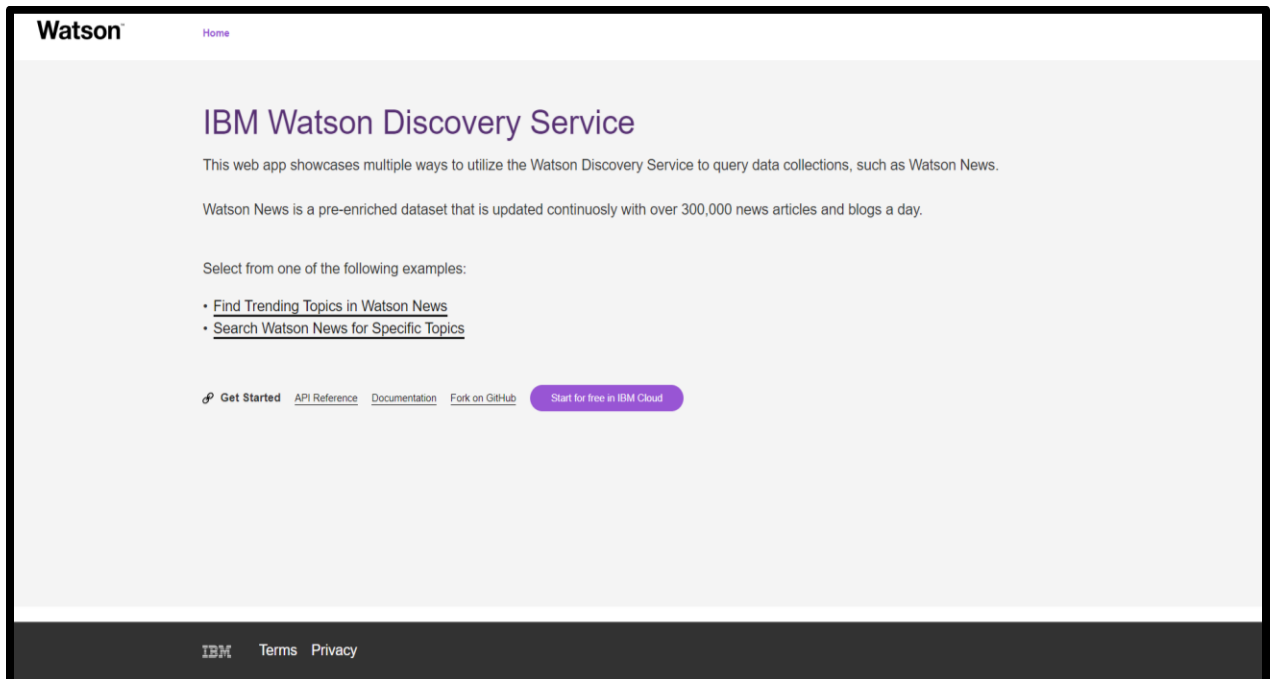
- Use a Slack interface to query the data
- Push news alerts out to web notification
- Deploy the app on IBM Cloud

Flow :

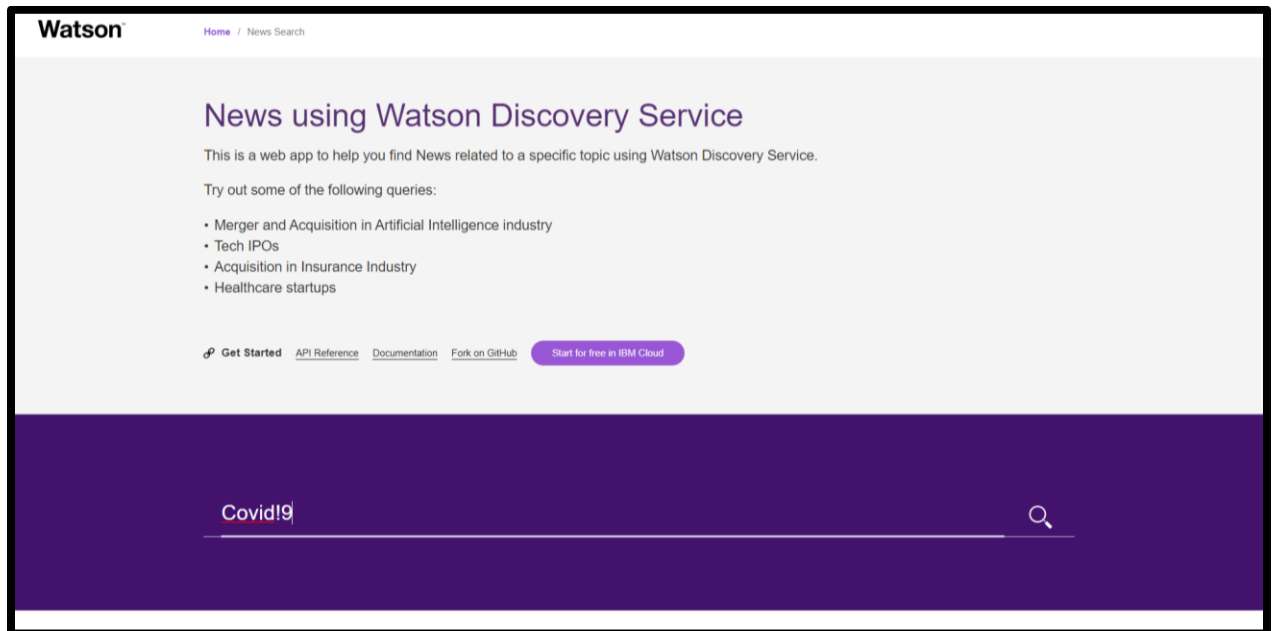
- ❖ The user interacts with the app UI(Built with Node-Red or Cloud or Local) to request relevant news content.
- ❖ The app sends user requests to Watson Discovery News.
- ❖ The Watson Discovery Service is continually crawling the web to update its Discovery News collection.
- ❖ The Watson Discovery Service responds to Slack search requests.



Input :

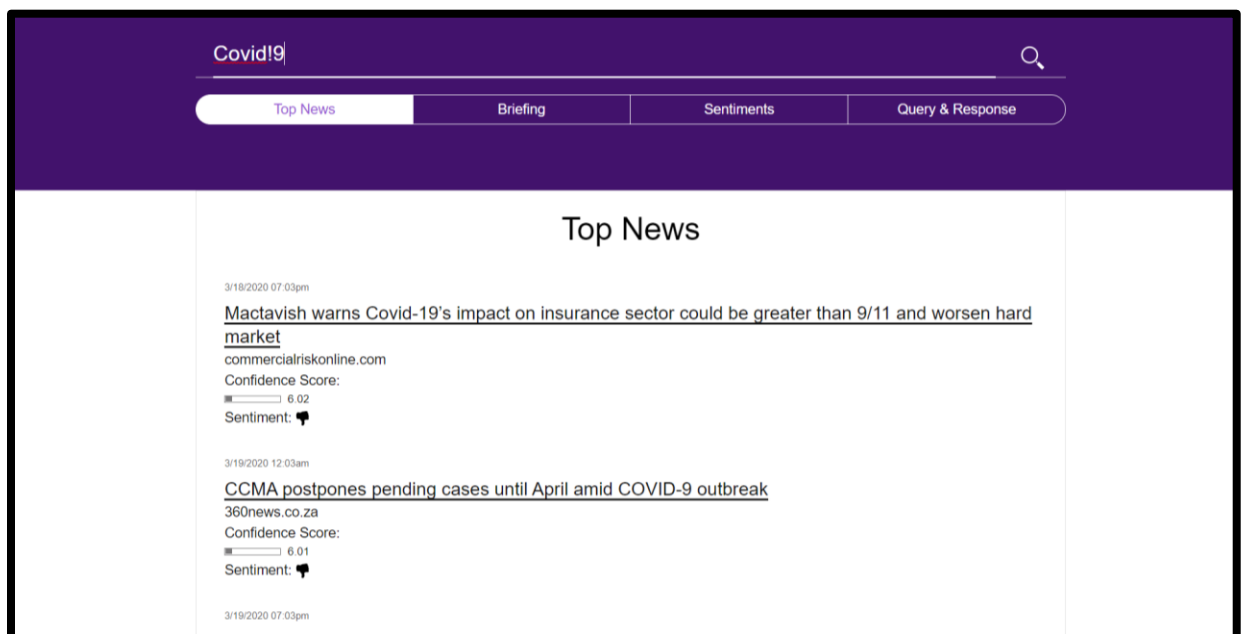


Query Page -

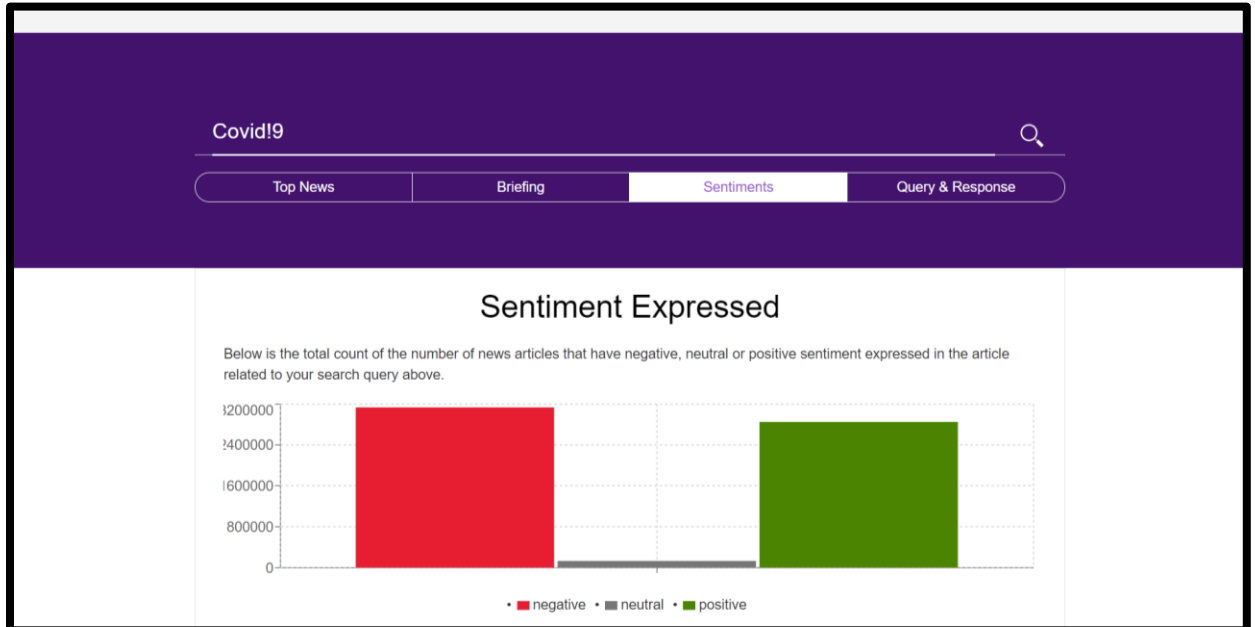


Output -

Top News -



Sentiment Analysis –



Query & Response -

Covid19

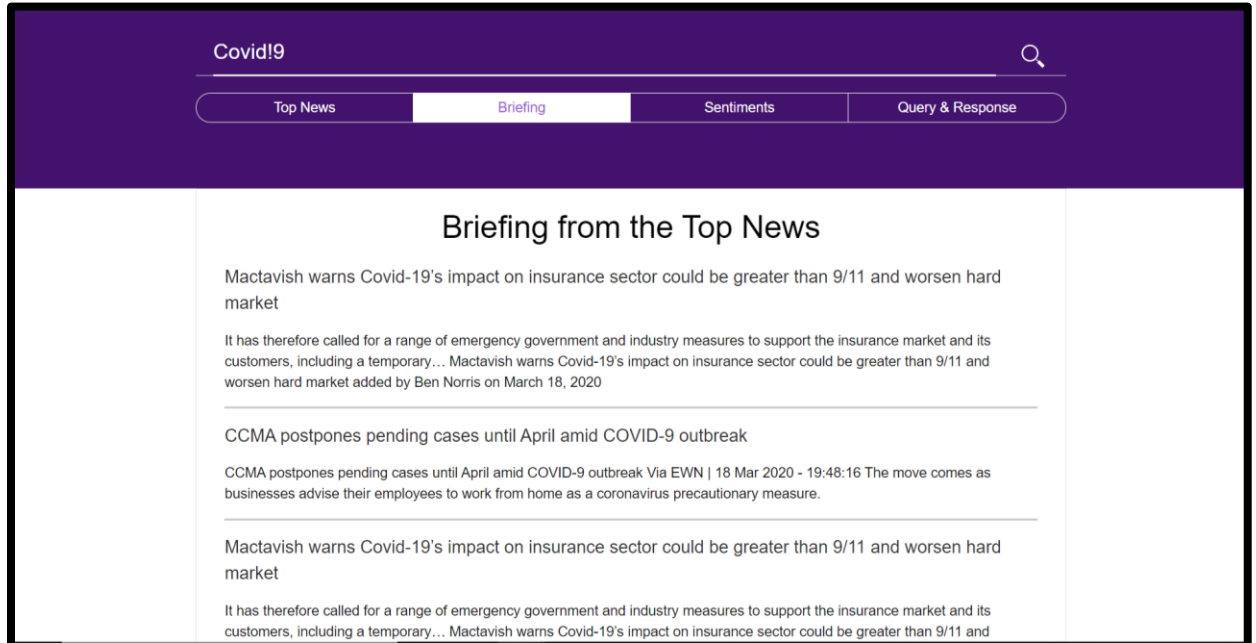
Top News Briefing Sentiments Query & Response

Query to and Response from the Discovery Service

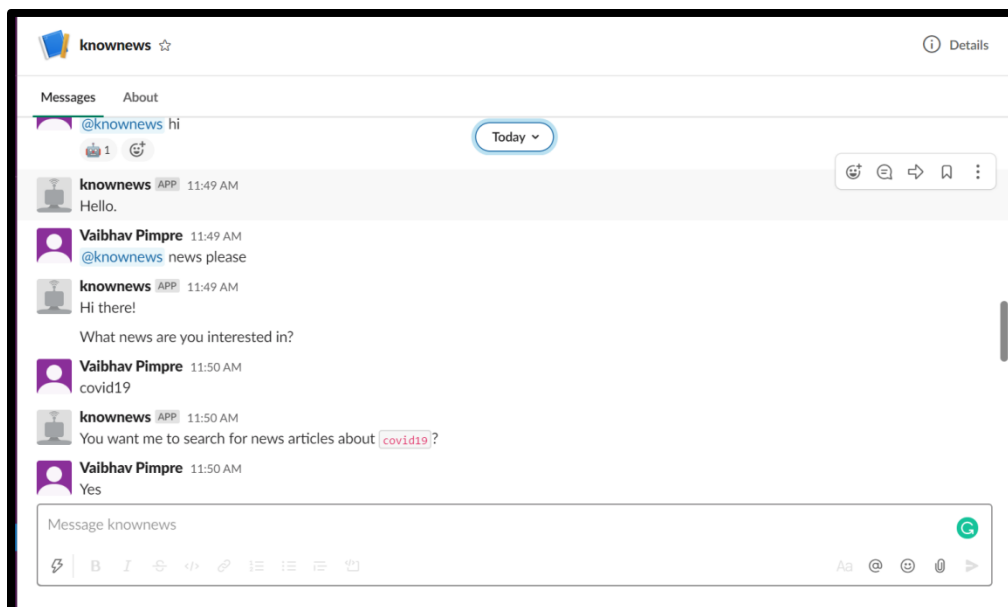
Query Response

```
{
  "count": 10,
  "return": "title,text,url,host,crawl_date,result_metadata.score,id,enriched_text.entities.text,enriched_text.senti",
  "aggregation": "term(enriched_text.sentiment.document.label)",
  "natural_language_query": "Covid19"
}
```

Briefing –



Slack Input -



Slack Output –

knownews ☆

Details

Messages About

knownews APP 11:50 AM

Today ▾

OK searching...

<https://newsday.co.tt/2020/05/07/survey-trinis-split-on-covid19-being-man-made/> (edited)

Trinidad and Tobago Newsday

Survey: Trinis split on covid19 being man-made - Trinidad and Tobago Newsday

TRINIDADIANs who participated in a covid19 consumer outlook study were split on whether covid19 is a man-made virus and whether it could be contracted from pets. The study, done by consultancy firm Market Facts and Opinion (MFO) and released Tuesday, was done via an online platform over a two-week period (April 8-22) and a total ... Continue reading Survey: Trinis split on covid19 being man-made

May 8th (92 kB) ▾

CHART 3.1: ATTITUDES TOWARD THE PRESENCE OF COVID-19

Statement	Positive %	Mean	Stdev
I am taking extra care to avoid bringing COVID-19 home to my family	97%	2.97	0.174
I am worried about my family experiencing financial hardship due to COVID-19	97%	2.74	0.158
The economic impact of COVID-19 will be greater than the outbreak itself	100%	2.49	0.181

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Messages About

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<https://cyberwarzone.com/20-covid19-sites-03-05-2020/> (edited)

Cyberwarzone

20 COVID19 sites [03-05-2020] | Cyberwarzone

covid-entraide.fr, softsimulation.com and covid-kosova.xyz are just some of the COVID19 sites that we have listed down today. The COVID19 sites have been listed in such a way, that you can utilize the...

May 3rd (7 kB) ▾

<http://www.andamansheekha.com/84793/>

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