

News Assemble

Team 6

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Chosen Domain : **Indian Express News website**

We retrieve news articles from the India section of the indianexpress.com and made a webpage which shows list of those articles. Any article is clickable and which retrieves related articles/information from other domains such as "The Hindu", "Times of India" and also from the social medias like Facebook and twitter.

To relate the relevant articles we take taken help of APIs available publically and also APIs which we have written to retieve data form various news sources. Once the retrieval processes ends. Information obtained is used to extract entities from the same. Using those entities an algorithm which we have written is used to understand if there is a relevance between two articles.

We have done this with the help of APIs like "Google Natural Language API", "Twitter API" and "Facebook API" .

Details of APIs :

- Google Natural Language API : For entity analysis of news headlines and contents to compare with news articles of other news domains and social medias.
- Twitter API : For fetching the tweets from particular pages of "Twitter" which matches with the above mentioned news article.
- Facebook API : For fetching "Facebook " posts which related to above mentioned chosen article.