IBM NALAIYA THIRAN

NEWS TRACKER APPLICATION

TEAM ID : PNT2022TMID07374

DOMAIN : CLOUD APPLICATION DEVELOPMENT

BATCH : B2-2M4E

TEAM MEMBERS:

1. PRAVEEN K S (TEAM LEADER)
2. TAMILMANI R (MEMBER 1)
3. SUBASH K (MEMBER 2)
4. SANJAY K (MEMBER 3)

LITERATURE SURVEY:

Here, we will take a look at all the previous solutions, attempts and implementations to the news tracker application or anything that is atleast vaguely related to it.

I. Exploring Mobile News Reading Interactions For News App Personalisation

Authors:

Marios Constantinide s, John Dowell, David Johson, Sylvain Malacria

Month / Year : August 2015

Resource Link :

https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation

Method / Implementation techniques :

1. Identification of news reader types
2. Interaction logging and classification study
3. Deployment and data collection
4. Predicting News reader types
5. Adaptive UI

II. Detection And Tracking In News Articles

Authors:

Sagar Patel, Sanket Suthar, Sandip Patel, Neha Patel

Month / Year : March 2015

Resource Link :

https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles

Method / Implementation techniques :

1. Preprocessing
2. Tokenization
3. Stemming/L emmization
4. Vector Space Model
5. Topic tracking

III. Following The Fed With A News Tracker

Authors: Michael William McCracken

Month / Year : January 2012

Resource Link :

https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker

Method / Implementation techniques :

The paper is not a technical paper but is essentially a statistical paper on how should one conclude whether the data have come in stronger, weaker or as expected. This is based on the CitiGroup U.S Economic Surprise Index.

IV. An End-To-End Weakly Supervised News Aggregation Framework

Authors: Xijin Tang, Xiaohui Huang

Month / Year : June 2022

Resource Link :

https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework

Method / Implementation techniques :

The framework combines Snorkelbased weakly supervised classification, Latent Dirichlet Allocation (LDA) topic modeling, and topic signal detection model to classify and aggregate unlabeled news texts and ultimately generate visualized results containing news categories, news topics, and temporal topic relationships. This paper uses constructed knowledge thesaurus and the Snorkel method to weakly supervise the classification of unlabeled news with no manual tagging. Subsequently, we utilize LDA to generate the topics and obtain the signal value of each topic based on the topic signal detection function. Finally, we establish the temporal topic relationships and get the visualized results of news aggregation.