

# NEWS TRACKER APPLICATION

## INTRODUCTION

In this age of modern world people tend to evolve as of your ancestors .In this age of technological world people don't have time to read news papers the need something portable and comfortable as all the people in this new age carry mobile phone with them this news tracker application helps them to read news which they like anywhere .This application uses algorithm to determine what content the user likes and suggests them the best results .This also helps the user to stay updated anytime with the latest news available.

## 1.NEWS STORY TRACKER

Understanding temporal development of unstructured and semi-structured text data streams is becoming increasingly important in many application areas, such as journalism, politics, or business intelligence. At the same time, sources of textual data, such as online news providers, are creating content in constantly growing amounts. While many automated and visual solutions that deal with the snapshots of information space already exist, few interactive systems can provide a user-friendly environment in which temporal context of these growing data collections can be successfully analyzed.

## CONCLUSION

In this article, we have presented a visual analytics system for exploration of news stories development and their relationships. Our approach helps in understanding the evolution of long and short stories in a wide time frame, merging and splitting of stories, as well as fine-detailed analysis of story content on three different levels of detail. The incremental processing and visualization of unstructured and semi-structured text data allow the application of the system on the realworld news data streams.

## REFERENCE

1. Allan J (ed.). Topic detection and tracking: event-based information organization. Norwell, MA: Kluwer Academic Publishers, 2002.
2. Blei DM and Lafferty JD. Dynamic topic models. In: Proceedings of the 23rd international conference on machine learning (ICML '06), Pittsburgh, PA, USA, 25-29 June 2006, pp. 113–120. New York: ACM.
3. Wong PC, Foote H, Adams D, et al. Dynamic visualization of transient data streams. In: IEEE symposium on information visualization (INFOVIS 2003), Seattle, WA, USA, 19-21 October 2003, Los Alamitos, CA: IEEE Computer Society.

## 2.Breaking News Detection and Tracking in Twitter

Twitter is a social networking service that allows users to share information, which is described by Twitter as “What’s happening?”. Main characters of Twitter are: brevity—contents are in short length and simultaneousness—contents are updated frequently. Twitter has transformed the way people convey information especially in the areas of news.

In June 2009, Twitter has played an important role in delivering user-generated contents from the Iranian citizen in the Iran election. We see that people with technology played a role of journalists in the situation where news reporting in a conventional way has been made difficult. Anyone who is not associated to the media industry can also deliver news. Thus, Twitter presents a highly effective way to discover what is happening around the world.

## CONCLUSION

In this work, we discussed the characteristics of breaking news in Twitter and presented a method to collect, group, rank and track breaking news from Twitter. To improve the similarity comparison for short-length messages, we put an emphasis on proper nouns. There are several factors to rank the news story. In this experiment we use reliability, popularity and freshness for the ranking factors. An application based on the proposed method called Hotstream is developed. This application shows a high potential for an intelligent news portal based on Twitter. We believe that such application can present user generated contents to the mass audience efficiently.

## REFERENCE

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- [2] R. Mateosian. Micro Review: Twitter. *Micro, IEEE*, 29, Issue 4:87–88, July-August 2009.
- [3] J. Allen. *Topic Detection and Tracking*, pages 17–30. Kluwer Academic, Norwell, Massachusetts, 2002.

## 3.The local accountability journalism tracker

The Local Accountability Journalism Tracker curates local news stories in the United States that resulted in substantial accountability or change. Published on a Tumblr website, each local news story includes a blurb detailing what the story was about as well as the accountability or change that followed the story’s publication. News stories must meet the following criteria for inclusion:

1. Be published by a news outlet in the United States;
  2. Cover a social issue or criminal activity at the local level;
  3. Lead to heightened awareness (whether local, national, or international) in the general public about the social issue or criminal activity;
  4. Contribute to major accountability or change at an institutional level (e.g., government, education, church); in the case of criminal activity, contribute to the identification, arrest, and/or sentencing of the perpetrator(s)
- The Local Accountability Journalism Tracker was

published during a time of uncertainty, when COVID-19 cases continue to ravage and news publishers continue to suffer from an economic

## Reference

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3. Cole, Landess. "14 Civil Beat Stories That Made a Difference in 2019." *Honolulu Civil Beat*, December 27, 2019.
4. For Local News, Americans Embrace Digital but Still Want Strong Community Connection. Pew Research Center, March 26, 2019.