NEWS TRACKER APPLICATION

Domain: Cloud Application Development

Team id: PNT2022TMID29614

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Paper 1: ANALYSIS AND UNDERSTANDING NEWS CONSUMPTION PATTERNS BY TRACKING ONLINE USER BEHAVIOUR WITH A MULTIMODAL RESEARCH DESIGN.

Publication year: February 2017.

Author name: M. Kleppe and M. Otte.

Journal name: Digital Scholarship in the Humanities, Vol. 32.

Summary: In this paper, we wantedto analyse the way news consumers visit news websitesandunderstand how these websites fit in their daily news consumptionpatterns. Until now most common applied scholarly research methods to analys online user behaviour focus on analyses of log files provided by website owners or recalled user behaviour by survey, diary, or interview methods.

Paper 2: FAKE NEWS TRACKER A TOOL FAKE NEWS COLLECTION, DETECTION, AND VISUALIZATION

Publication year:13 October 2018

Author name:Kai Shu,Deepak Mahudeswaran,Huan Liu

Journal name:ICWSM Boulder, Colorado, USA.

Summary: In this paper, Nowadays social media is widely used as the source of information because of its low cost, easy to access nature. However, consuming news from social media is a double-edged sword because of the wide propagation of fake news, i.e., news with intentionally false information. Fake news is a serious problem because it has negative impacts on individuals as well as society large. In the social media the information is spread fast and hence detection mechanism should be able to predict news fast enough to stop the dissemination of fake news. Therefore, detecting fake news on social media is an extremely important and also a technically challenging problem. In this paper, we present FakeNewsTracker, a system for fake news understanding and detection.

Paper 3: NEWSPAPER APPS FOR TABLETS AND SMARTPHONES IN DIFFERENT MEDIA SYSTEMS: A COMPARATIVE ANALYSIS

Publication year:August 2016.

Author name: Teresa nozal cantarero university of a coruña, spain ana gonzález-neira university of a coruña, spain elena valentini sapienza university of rome, italy

Journal name: Journal of University of A Coruña, Spain

Summary: This paper proposes a comparative analysis of the newspaper apps developed for tablets and smartphones within different media systems. It studies the multimediality, interactivity and commercialization models adopted by newspaper publishers and journalists for these apps. The theoretical framework embraces two main topics: the media system models, starting from Hallin and Mancini's proposal, and the characteristics of the media systems, particularly in the countries selected for this sample, focusing on the digital and mobile media scenario. In order to collect comparable data from a common source, we have selected indicators from Reuters Institute Digital News Report 2016.

Paper 4: A LOCATION-BASED NEWS APP PROJECT

Publication year:Dec 2017.

Author name: Jud Burkett

Journal name: Southern Utah University

Summary: In this paper, This professional project centered around the construction and design of an app for the iPhone and iOS that would allow users to access news from a variety of sources based on their location as determined by their smartphone. In addition, users would be able to post their own content and observations of news as it happens and geolocate their posts so other users would be able to learn about what's taking place in their community.

Paper 5: AN IMPROVED METHOD FOR MULTI-LINGUAL NEWS FEED APPLICATION

Publication year: October 2019..

Author name: Regonda Nagaraju, Mohammed Farhan Pasha, Mohammed Abdul Majeed, AdapaSujith

Journal name: International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1

Summary: In the present era, the internet and new technologies are changing the information behavior of news reader .Instead of reading a copy of the local newspaper or watching the scheduled evening news, people increasingly turn to the internet for daily news updates. A Multi-Lingual news feed application is aimed at developing a web based application named multilingual news feed app. This Application deals with the user who wants to read news from the web application. User can select different countries in which a user is interested, the latest news will be fetched from the selected country.

Paper 6: EXPLORING MOBILE NEWS READING INTERACTIONS FOR NEWS APP PERSONALISATION

Publication year: August 2015.

Author name: Marios Constantinides, John Dowell, David Johnson, Sylvain Malacria.

Journal name: Conference Paper · August 2015

Summary: As news is increasingly accessed on smartphones and tablets, the need for personalising news app interactions is apparent. We report a series of three studies addressing key issues in the development of adaptive news app interfaces. We first surveyed users' news reading preferences and behaviours; analysis revealed three primary types of reader. We then implemented and deployed an Android news app that logs users' interactions with the app. We used the logs to train a classifier and showed that it is able to reliably recognise a user according to their reader type. Finally we evaluated alternative, adaptive user interfaces for each reader type.

Paper 7: TOPIC DETECTION AND TRACKING IN NEWS ARTICLES

Publication year: March 2017

Author name: : Sagar Patel, Sanket Suthar,Sandip Patel, Nehal Patel and Arpita Patel Chandubhai S

Journal name: Conference Paper in Smart Innovation

Summary: We have presented an idea in this paper for detecting and tracking topics from news articles. Topic detection and tracking are used in text mining process. From data which are unstructured in text mining we extracts previously unknown and useful information. The main purpose of this paper is to identify and follow tasks occurred in different news sources. We are going to use agglomerative clustering based on average linkage for detecting the topics, calculate the similarity of topics using cosine similarity and KNN classifier for tracking the topics.

Paper 8: FAKE NEWS DETECTION USING A BLEND OF NEURAL NETWORKS: AN APPLICATION OF DEEP LEARNING

Publication year: 25 April 2020.

Author name: Aman Agarwal ,Mamta Mittal , Akshat Pathak, Lalit Mohan Goyal

Journal name: Springer Nature Singapore Pte Ltd 2020

Summary: Fake news and its consequences carry the potential of impacting diferent aspects of diferent entities, ranging from a citizen's lifestyle to a country's global relations, there are many related works for collecting and determining fake news, but no reliable system is commercially available. This study aims to propose a deep learning model which predicts the nature of an article when given as an input. It solely uses text processing and is insensitive to history and credibility of the author or the source. In this paper, authors have discussed and experimented using word embedding (GloVe) for text pre-processing in order to construct a vector space of words and establish a lingual relationship.

Paper 9: STORY TRACKER: INCREMENTAL VISUAL TEXT ANALYTICS OF NEWS STORY DEVELOPMENT

Publication year: Jan-2011

Author name: Milos Krstajic, Mohammad Najm-Araghi, Florian Mansmann and Daniel A Keim

Journal name: University of Konstanz, 78457 Konstanz, Germany.

Summary: Online news sources produce thousands of news articles every day, reporting on local and global real-world events. New information quickly replaces the old, making it difficult for readers to put current events in the context of the past. The stories about these events have complex relationships and characteristics that are difficult to model: they can be weakly or strongly related or they can merge or split over time. In this article, we present a visual analytics system for temporal analysis of news stories in dynamic information streams, which combines interactive visualization and text mining techniques to facilitate the analysis of similar topics that split and merge over time.

Paper 10: NEWS SENTIMENT TRACKER

Publication year :September 2, 2016

Author name: Andrew Wesson ,Prashanth Rao

Journal name:"United Airlines".

Summary: Our goal in this project is to build a commercially applicable automated system using NLP that can perform end-to-end data processing and fine-grained sentiment analysis on news articles to identify key events that trigger a change in sentiment toward a target entity. We aim to provide an in-depth breakdown of temporal sentiment trends and provide aggregated information to assist relevant personnel (in marketing, public relations or product management) in taking appropriate action during a period of rapid shift in sentiment.

Paper 11: LARGE-SCALE SENTIMENT ANALYSIS FOR NEWS AND BLOGS

Publication year : July 2006.

Author name: Namrata Godbole,ManjunathSrinivasaiah,StevenSkiena

Journal name :Stony Brook University, Stony Brook, NY 11794-4400, USA

Summary: Newspapers and blogs express opinion of news entities (people, places, things) while reporting on recent events. We present a system that assigns scores indicating positive or negative opinion to each distinct entity in the text corpus. Our system consists of a sentiment identification phase, which associates expressed opinions with each relevant entity, and a sentiment aggregation and scoring phase, which scores each entity relative to others in the same class. Finally, we evaluate the significance of our scoring techniques over large corpus of news and blogs.

Paper 12: ONLINE NEWS USER JOURNEYS: THE ROLE OF SOCIAL MEDIA, NEWS WEBSITES, AND TOPICS

Publication year : 12 Jun 2020.

Author name :Susan Vermeer, Damian Trilling, Sanne Kruikemeier & Claes de Vreese

Journal name : Amsterdam School of Communication Research (ASCoR), University of Amsterdam, Amsterdam, The Netherlands

Summary:The complexity and diversity of today's media landscape provides many challenges for scholars studying online news consumption. Yet it is unclear how news consumers navigate online. Moving forward, we used a custom-built browser plug-in—passively tracking Dutch online news consumers 24/7—to examine how context (website) and content (news topic) features affect patterns of online news consumption. This resulted in a data set containing more than one million Web pages, from 175 websites (news websites, search engines, social media), collected over 8 months in 2017/18. We used automated content analysis to retrieve news topics, and estimated Markov chains to detect consumption patterns.