

Twitter Trend Mining

ABSTRACT

Twitter is a popular micro blogging and social networking service with over 100 million users. Users create short messages pertaining to a wide variety of topics. Certain topics are highlighted by Twitter as the most popular and are known as “trending topics”. One of the main features on the homepage of Twitter shows a list of top terms so-called trending topics at all times. These terms reflect the topics that are being discussed most at the very moment on the site’s fast-flowing stream of tweets. In order to avoid topics that are popular regularly (e.g., good morning or good night on certain times of the day), Twitter focuses on topics that are being discussed much more than usual, i.e., topics that recently suffered an increase of use, so that it trended for some reason.

EXISTING SYSTEM

One of the main features on the homepage of Twitter shows a list of top terms so-called trending topics at all times. These terms reflect the topics that are being discussed most at the very moment on the site’s fast-flowing stream of tweets. In order to avoid topics that are popular regularly (e.g., good morning or good night on certain times of the day), Twitter focuses on topics that are being discussed much more than usual, i.e., topics that recently suffered an increase of use, so that it trended for some reason.

DRAWBACKS

- Will provide inaccurate results if keyword not entered correctly

PROPOSED SYSTEM

Trending topics have attracted big interest not only among the users themselves but also among other information consumers such as journalists, real-time application developers, and social media researchers. Being able to know the top conversations being discussed at a given time helps keep updated about current affairs, and discover the main concerns of the community. Twitter defines trending topics as “topics that are immediately popular, rather than topics that have been popular for a while or on a daily basis”. However, no further evidence is known about the algorithm that extracts trending topics. It is assumed that the list is made up by terms that appear more frequently in the most recent stream of tweets than the usual expected.

ADVANTAGES

- People will get to know about the trending tweets on tweeter.
- System will allow user to input a keyword and search for trending tweet.
- System will provide accurate results based on user-inputted keyword.
- The system is error free
- GUI is simple to understand.

Modules:

The system comprises of 4 major modules with its description as follows:

- Login
- Search for Latest Trends
- View latest Trending Tweet
- View Tweets

System Requirements:

Software Components:

- Operating System : Windows 7 or higher.
- Query Language : SQL 2008
- IDE : Visual studio 2010

Hardware Components:

- Processor: : Pentium - III
- Hard Disk : 5 GB
- Memory : 1GB RAM
- Internet Connection