Twitter Tweets Analyzer - ToTweet

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ToTweet

Introduction

Nowadays, Social Network cannot be separated from our daily life. Apart from facebook, Twitter is another popular social network platform. There are millions of tweets posted every day. By analyzing part of them systemically, we can still see some patterns and we can make prediction for the "tomorrow tweets" precisely.
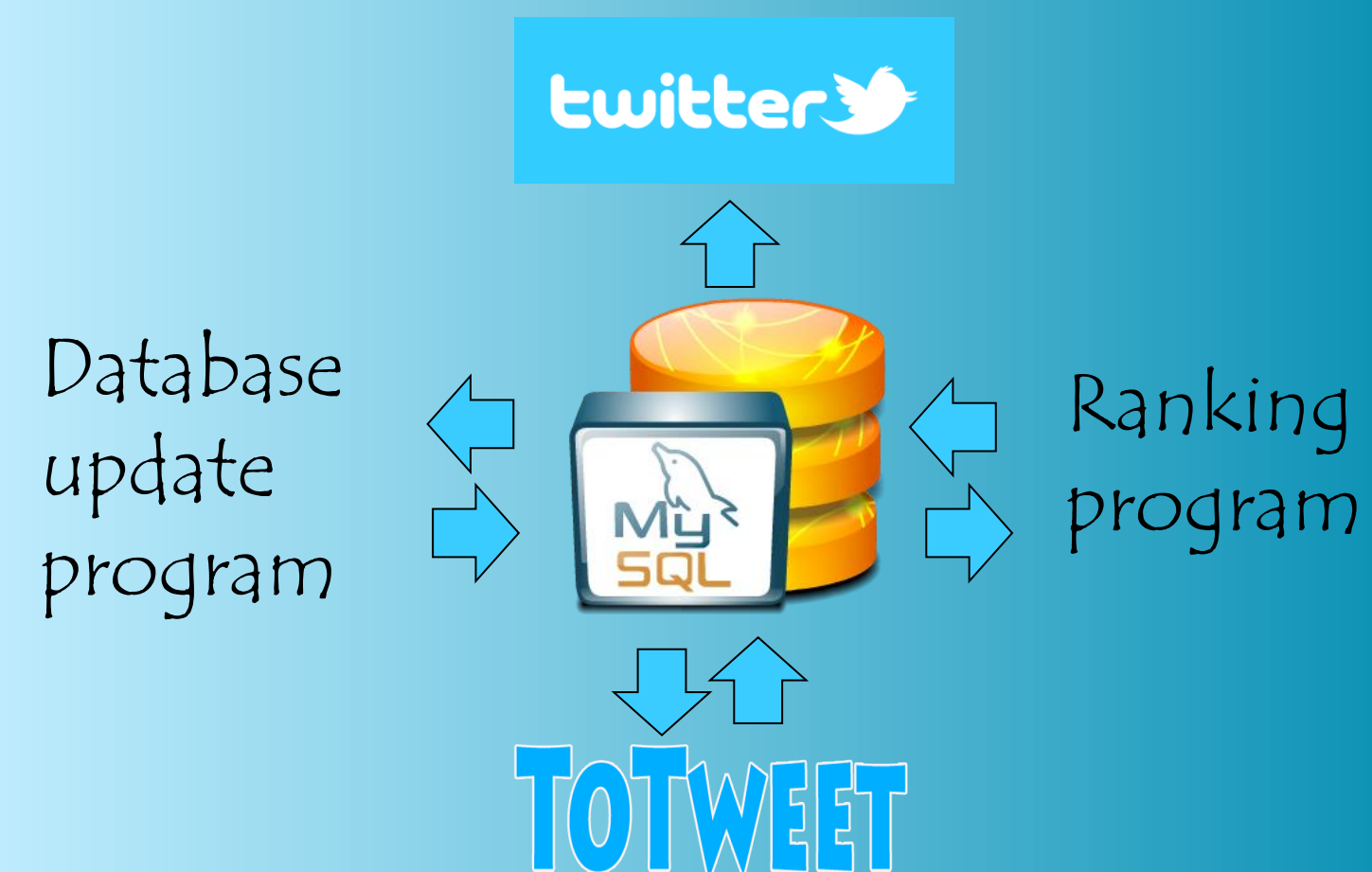
What we made:

- A program can keep downloading tweets from Twitter official server
- Database storing the meta-data of tweets
- SQL queries that looking for the interesting pattern
- A web-platform that reveals part of the result we discovered.
- Prediction of tweets and visualization of posting trend

Data-Mining of Social Network can help us research many things in terms of human interest and social phenomena!

ToTweet Working Mechanism

Database update program

Ranking program

TOTWEET

ToTweet Prediction Mechanism
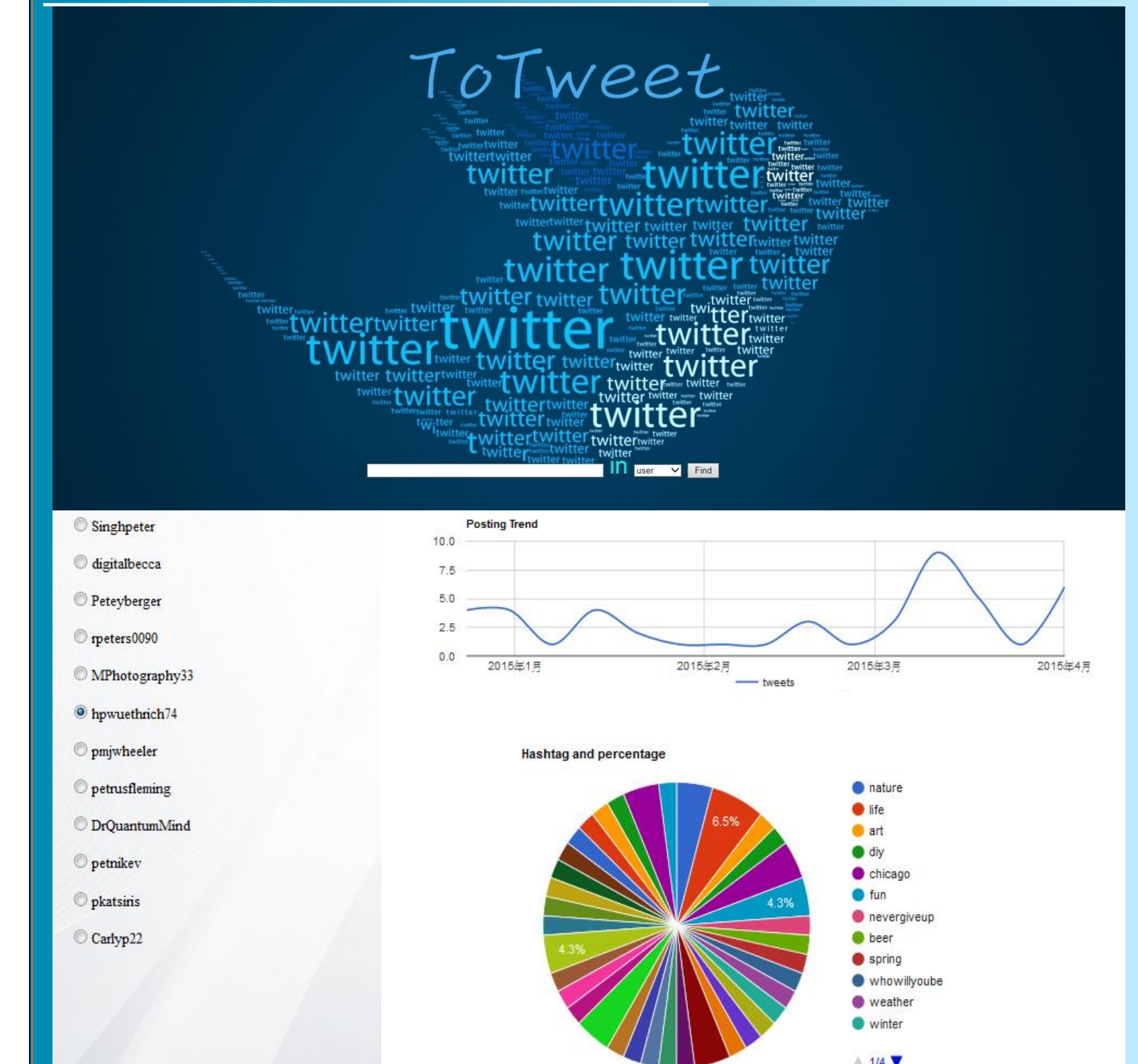
Date and hashtag prediction

Posting history + Frequency + Ranking = Possible result

Hot Topics

No Recent Record + High recent Frequency = Possible hot topic

The data base is updated in daily basis, by comparing the history, the ranking program generates the most updated result.

ToTweet User Interface

ToTweet

Posting Trend

Hashtag and percentage

Conclusion

In this project, we make the raw data of tweets to be observable and give different sort of usefulness so that we can study it on different purposes. ToTweet also allows non-developers can easily make use of our dataset to research their own. In the study, by comparing the history of the tweets, we can observe some changes of Twitter user behavior.