

Twitter Cube

User's Manual

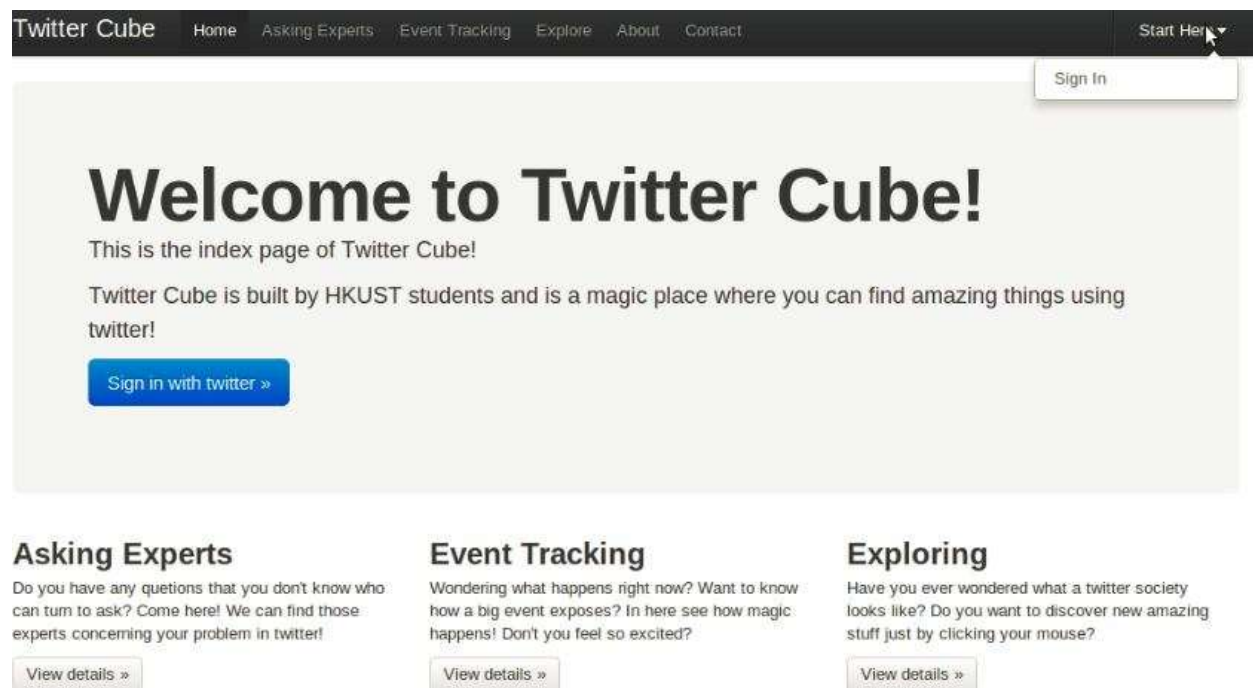
Welcome to Twitter Cube!

Twitter Cube is a website build by HKUST students where you can find amazing analyzing results within Twitter.

The following will help you get the best use out of the website.


1. The index page of Twitter Cube

The screenshot below shows the index page of Twitter Cube when you first open it. You can click the blue “Sign in with Twitter” button or click the top right link to sign in.



2. Sign in with your own Twitter account

By clicking the “Sign in with Twitter” button you can use your own account to sign in.



The image shows a Twitter authorization page. At the top, the Twitter logo is on the left and a "Sign up" link is on the right. The main heading is "Authorize magic-cube to use your account?". Below this, it says "This application will be able to:" followed by a list of permissions: "Read Tweets from your timeline.", "See who you follow, and follow new people.", "Update your profile.", and "Post Tweets for you.". There are two input fields: one for the username "cnjswangheng" and one for a password represented by dots. Below the password field is a "Remember me" checkbox and a "Forgot password?" link. At the bottom of the form are two buttons: "Authorize app" (blue) and "No, thanks" (grey). To the right of the form, there is a profile card for "magic-cube" with the URL "stevewang.info/about" and a description: "twitter cube(magic cube) is a website built by HKUST students". Below the description is a link: "Cancel, and return to app".

twitter  [Sign up](#)

Authorize magic-cube to use your account?

This application **will be able to**:


- Read Tweets from your timeline.
- See who you follow, and follow new people.
- Update your profile.
- Post Tweets for you.

☐ Remember me [Forgot password?](#)

[Authorize app](#) [No, thanks](#)

This application **will not be able to**:

- Access your direct messages.
- See your Twitter password.

 **magic-cube**
stevewang.info/about
twitter cube(magic cube) is a website built by HKUST students
[Cancel, and return to app](#)

After you have signed in with your Twitter account, you will have to click the blue “Authorize app” button to allow Twitter Cube get access to your account.



This image is similar to the one above, showing the Twitter authorization page. However, it includes a footer section at the bottom. The top part of the page is identical. The footer contains the following text: "You can revoke access to any application at any time from the [Applications](#) tab of your Settings page. By authorizing an application you continue to operate under [Twitter's Terms of Service](#). In particular, some usage information will be shared back with Twitter. For more, see our [Privacy Policy](#)."

twitter   cnjswangheng

Authorize magic-cube to use your account?

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[Authorize app](#) [No, thanks](#)

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 **magic-cube**
stevewang.info/about
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3. Asking Experts

When you have questions but don't know who can turn to ask on twitter, "asking experts" is what you are exactly looking for.

Just click the "Asking Experts" link on the top and you will see the following page.

The screenshot shows the 'Asking Experts' interface on the Twitter Cube website. At the top, a navigation bar includes 'Home', 'Asking Experts', 'Event Tracking', 'Explore', 'About', and 'Contact'. The user's profile '笨笨 @cnjswangheng HongKong' is shown on the left, with 1926 tweets, 492 following, and 192 followers. Below this, a 'People are asking:' section lists six questions. The main area features a 'Type your question here:' text input, a 'Show Experts' button (with a question mark icon and '140' characters remaining), and an 'Ask Them' button. A 'How to Use?' sidebar provides instructions. The 'Tweets:' section displays five recent tweets from the user.

Twitter Cube Home Asking Experts Event Tracking Explore About Contact cnjswangheng

笨笨
@cnjswangheng
HongKong

1926 492 192
TWEETS FOLLOWING FOLLOWERS

People are asking:

- Is Turkey in Europe or in Asia?
- Is it a good time to travel to greece 2012
- is Internet replacing books?
- will barcelona win the champions league 2012
- will iphone 5 come out in May,2012
- six

Type your question here:

140

How to Use?

Got Question?
Just type your question in the textarea.

Then What?
Click the green button. And then wait for the amazing result!

Last Step
Click the blue button to submit your tweet!

Category:

Tweets:

- 笨笨 @cnjswangheng delete 2012-05-29 18:36:26
RT @Suusuan: 爸爸在电话里说 "家里树上的枇杷快要被鸟吃光了" #父爱要多含蓄
- 笨笨 @cnjswangheng delete 2012-05-29 18:34:40
RT @bingice: 艾格尔峰, 如果你从顶峰摔下来, 掉到地上只要三十秒。用三十秒回忆一生, 告别世界, 一路清醒地坠落。
- 笨笨 @cnjswangheng delete 2012-05-29 18:21:41
RT @zhangsym: 一直特别相信缘分, 无论物还是人, 都讲缘分的。谁能拥有谁, 谁会和谁在一起, 全都是缘分。「盖将自其变者而观之, 则天地曾不能以一瞬」, 所以珍惜眼前物眼前人。
- 笨笨 @cnjswangheng delete 2012-05-28 18:52:01
基友之间也是有真情的! 人间自有真情在!
- 笨笨 @cnjswangheng delete 2012-05-28 18:48:08
人啊, 总是不断地认识新朋友来弥补与老朋友分别带来的创伤和缺口。

The top left area is the personal information area and you should be able to see your own Twitter account status like your location, tweets number, following number and your followers' number.

The "People are asking" part shows 6 latest questions that our users are asking right now. The right bottom area shows your 5 latest tweets.

You can always check the "How to use" part whenever you feel confused about this page.

And there is a small question mark right beside the green "Show Experts" button if you look closer, just move your mouse on it and you will get some hints.

In addition, since this question is also a tweet which is going to publish later, the length should not be more than 140 which mean the total number of characters should be less than 140. But don't panic, the label of "140" on the left of the blue button show exactly how many more characters you can type in.

Just type in your question in that text area, and then click the green button to show 5 experts.

For example, my question is “is Italian food normally spicy?” which is shown in the screenshot below.

The screenshot shows the Twitter Cube interface. At the top, there's a navigation bar with links: Asking Experts, Event Tracking, Explore, About, and Contact. A user profile icon and name 'cnjswangheng' are on the right. The main content area is titled 'Type your question here:' and contains a text input field with the question 'is italian food normally spicy? @TODAYFood @ninagarcia @Modelinia @SkyNewsBiz @BBCGoodFoodShow'. Below the input field are two buttons: a green 'Show Experts' button with a question mark icon and a blue 'Ask Them' button. To the right of the input field is a 'How to Use?' section with instructions: 'Got Question? Just type your question in the textarea.', 'Then What? Click the green button. And then wait for the amazing result!', and 'Last Step Click the blue button to submit your tweet!'. Below the input field, the category is set to 'Food'. A section titled 'Experts:' lists five experts in a table format:

Image	Expert Name	Expert Description
	@TODAYFood	Get recipes for delicious dishes featured on the TODAY Show and food buzz from our blog, Bites.
	@ninagarcia	Official Account - Nina Garcia, Marie Claire fashion director & Project Runway judge - Twitter Oficial de Nina Garcia
	@Modelinia	Where supermodels share their fashion, beauty and lifestyle secrets.
	@SkyNewsBiz	The latest updates from the Sky News business desk
	@BBCGoodFoodShow	Five BBC Good Food Shows - All fantastic days out!! Please note all chefs shown may not appear at all shows

It can be seen clearly from the screenshot that Twitter Cube has classified this question into “Food” category, thus it will give some experts in food area. We can tell from the experts name and their description that the result is reasonable and makes sense.


Meanwhile, the website would automatically append those five experts name into your tweet and you don’t have to type them again one by one which is extremely convenient and easy to use.


The last step is to click the blue “Ask Them” button to publish your tweet. Then your question would be tweeted already and you can just wait for their reply with their answers.

4. Sentiment Analysis

In this part you can type in your sentence to be analyzed and then just click the blue button. Twitter Cube will tell you whether the attitude of this sentence is positive or negative.

For example, my sentence is: It's definitely one of those "must see" movies and should be considered one of the classics of its decade.

Twitter Cube [Home](#) [Asking Experts](#) [Event Tracking](#) [Explore](#) [About](#) [Contact](#)  [cnjswangheng](#)

**笨笨**
@cnjswangheng
HongKong
1926 492 192
TWEETS FOLLOWING FOLLOWERS

Sentiment Analysis:
It's definitely one of those " must see " movies and should be considered one of the classics of its decade .
[Click Me to Analyze!](#)

How to Use?
What's this?
Aims to determine the attitude of a sentence.
Now What?
Just type your sentence into the left textarea.
And Then?
Click the blue button and wait to see whether it's positive or negative.

Category:
People are analyzing:

Pos OR Neg	Sentence
Negative	hey come on , you really should see this !!
Positive	lets have a try, shall we?
Negative	Now What? Just type your sentence into the left textarea.
Positive	Click the blue button and wait to see whether it's positive or negative.
Positive	I'm going to have to see the movie again ; i'm certain there are numerous references that i missed .
Positive	shakespeare instantly falls in love with her ; he first meets her when she pretends to be a man to try out for the part of romeo .

Then just click the blue button to see the result that cube has given.

[Click Me to Analyze!](#)

Category:
Positive

People are analyzing:

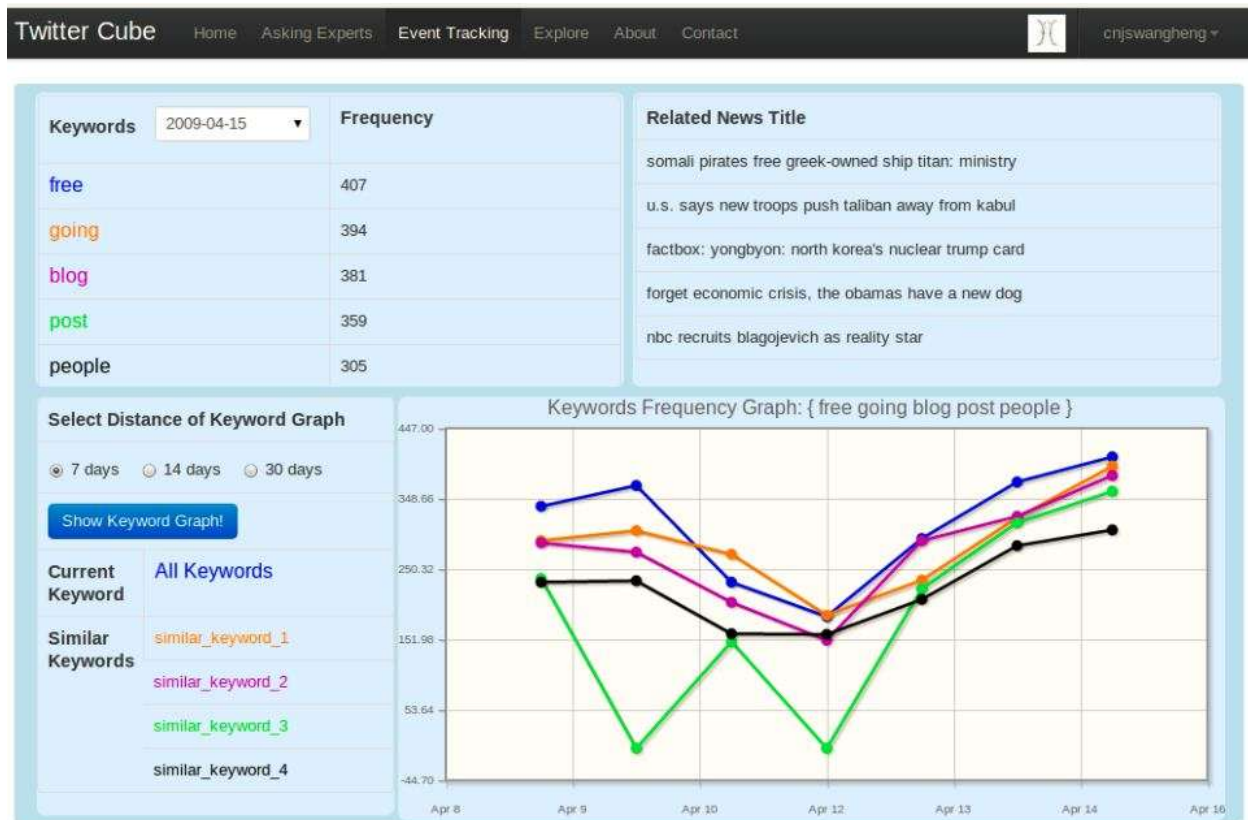
Pos OR Neg	Sentence
Positive	It's definitely one of those " must see " movies and should be considered one of the classics of its decade .
Negative	hey come on , you really should see this !!

5. Event Tracking

Here you can check each days' tweets' keywords and their frequencies respectively, and their related news titles as well.

Due to lack of data and enough time, this demo will just show the results based on one month's data (2009-04).

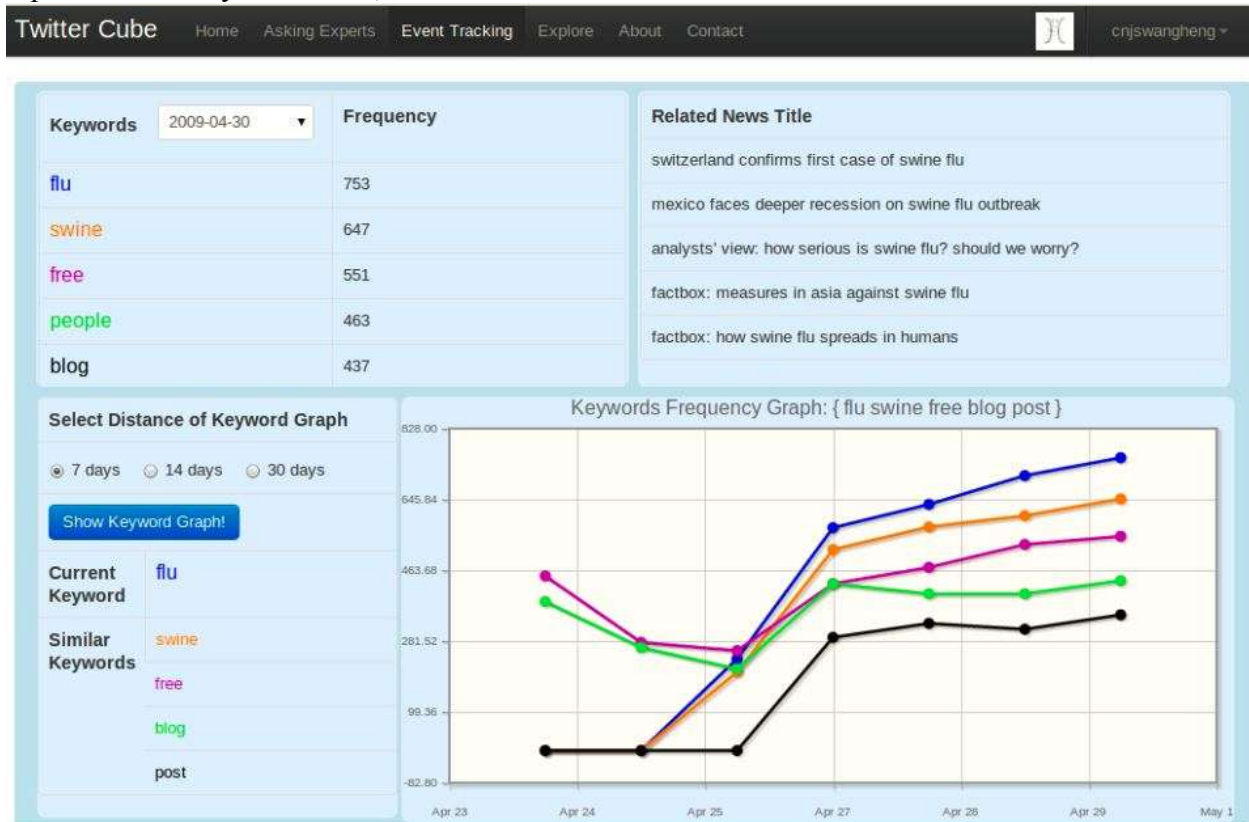
You can select the date from the drop-down list and check the five hottest keywords and their news titles. The related news title would also change as you select another different date.



By default the keywords frequency graph shows the five current keywords graph in 7 days which is also a default setting and you distinguish them by their colors.

Click one specific keyword and it will also show four similar keywords and their frequency graph which is an intuitive way to compare their similarity.

It can be seen from the graph that the blue line and the orange line are quite similar. One line represents the keyword “flu”, the other one is “swine” which makes sense a lot.



6. Any Questions

Feel free to contact me if you have any questions.

Email : iswangheng@gmail.com

Github: <https://github.com/iswangheng/>