1. Group member:

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1. Datasets:

We choose the Memetracker dataset from Stanford snap. The Memetracker dataset collected phrases that appeared in the social media. The data format mainly contains in three parts:

* Author/appeared website
* Time
* Link

1. Mining result:

Try to find the most frequently appeared meaningful words or word groups and their life circle (occurred time, spreading speed, slow down trend). For example, “Pokemon Go” is popular from July 2016 and cold down before Olympics. We are try to find out the most popular item or news in a time area.

1. Interesting point:

We are aiming to mining out the popular things that happened recently and their life circle. This kind of information can be regard a commercial use. Such as, it can be used by the advertisement company to add the popular things in their website to increase visitor value and know the time when should they change to other advertisement.

1. What’s new?

We not only try to find the popular words but also their life circle. With a life circle analysis, the rate of a popular thing can be measured and their commercial value can be estimate. Then the information can be use more wisely.