

Weekly Progress Report

Detecting Conversations Going Viral

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Week 14, 03/04 - 07/04

1 Dataset Selection

Selecting the correct dataset to carry out my analyses is one of the most important parts of the work I will carry out in this project. To this end, I will explain the data set that I will be working with, as well as my rationale for selecting it.

I have chosen to work exclusively with Dutch language Twitter data for the following reasons:

- The vast majority of Buzzcapture clients are Dutch companies, so it is more likely that I will be able to find relevant data by restricting gathered conversations by language.
- Twitter is *the* platform for breaking news and discussions thereof. It is likely that changes in volume that the likes of which I am looking for, will happen on Twitter before they happen on other platforms such as Facebook, Pinterest or Facebook.
- Conversation volume is much higher on Twitter than on Facebook or other competing services. As such spikes in conversation volume are likely to be higher and more easily annotated by hand for both testing and demonstrating the effectiveness of a given algorithm.

2 Additional Research

In addition to making some decisions regarding the experimental dataset, I have also carried out some additional research into the field.