

Can a correlation between sentiment data and demand cycle of products be established?

Team Members:

Diala Aldahabi

Siew Ming

Two meetings with the client where progress was discussed.

Diala:

During the past few weeks i have been working on the frontend of the application as well as trying to find out how to code the correlation. I managed to find out how to calculate the results and now i will be researching how to display it in a graphical format.

Siew:

After my partner managed to build the frontend of this application. I convert the html files of the frontend to jade file which is

readable by nodejs. We decided to populate the tables on the frontend with data extracted using APIs and libraries. One of the libraries is the k-means library. This library allow us to categories the tweeters into a score 0 - 9 based on the influence and stance. The only disadvantage of using k-means is that the result is local optima. Our way of getting closer to global optima is iterate the k-means up to a hundred time and taking the average.