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DSI-13

Report Name: Multi-Source Social Feedback of Online News Feeds

The project uses news article from well-known entities such as Google News and Yahoo! News, and gather social feedbacks on those articles using Facebook, Google+ and LinkedIn. We will then utilise these data for sentiment analysis and predictive analysis tasks. Till date we are able to extract meaningful data through exploratory data analysis (EDA) such as clustering phrases from news headline and title. There is not much problem with handling of the data as it was extracted from the UCI Machine Learning Repository. Thus, the data is relatively cleaned and in order in terms of data type.

However, this was not my main project that I’d pitched during the lightning talk. My previous project was using Natural Language Processing (NLP) on news article to predict the market index movement. But I soon realised the difficulty in combining the trading platform API and my model prediction to execute trades and due to the time constraint I’d decided to shelf the project.

For the next 2 week I will be concentrating on getting my prediction model running. My priority would be to select the suitable models for the project and comparing their accuracy score. And feature engineering would be done to improve the accuracy of the model if necessary.