

Stock Sentiment Manual

Analyst Team 4

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The goal of this project is to compare stock trends with twitter sentiments. Thus, two data sets are necessary.

S & P 500 Stock Prices

(sp500hst.txt)

Description: This data set offers a year of historical data for the S&P 500 stocks.

Source: <http://pages.swcp.com/stocks/#historical%20data>

Variables:

- Date – The day that a given stock was traded
- Symbol – The market symbol for a given stock
- Open – Stock price when the market opened for the day
- High – Highest price of a given stock during the day
- Low – Lowest price of a given stock during the day
- Close – Stock price at the close of the market day
- Volume – The number of stocks traded during the day

	Date	Symbol	Open	High	Low	Close	Volume
Example:	20090821	A	25.6	25.61	25.22	25.22	34758

Twitter Sentiment

(testdata.manual.2009.06.14.csv)

Description: This data set offers a large collection of tweets and the mood, date, and subject matter associated with each tweet.

Source: <http://help.sentiment140.com/for-students>

Variables:

- Polarity – The mood (0 = negative, 2 = neutral, 4 = positive)
- ID – A unique number associated with a given tweet
- Date – The date and time of a tweet
- Query – The main subject matter of a given tweet
- User – Username of the individual who made the tweet
- Tweet – The actual text of the tweet

	Polarity	ID	Date	Query	User	Tweet
Example:	4	3	Mon May 11...	kindle2	tpryan	@stellagirl I loooooo...