
Penny Stock Moguls

*The Language of Twitter Users who Drive Low-Float
Stock Movement*

Nick Wilders | Metis | November 13, 2020

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Alternative Markets: AMEX, NYSE, localized U.S. stock exchanges
“Pink Sheet” over-the-counter market

***Penny Stocks have gained Twitter interest, thanks to
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ranging from “build your wealth” trading advisors... to more “eccentric” users



Follow

Timothy Sykes ✓

@timothysykes

I've turned \$12k into \$6+ million visiting 100+ countries/building 70 schools/libraries, I'm looking for dedicated students, go apply: tim.ly/sykesmc

📍 Miami Beach 🌐 timothysykes.com

📅 Joined December 2007

4,338 Following 260K Followers



Follow

Penny Stock Lizard King

@StockLizardKing

Not a financial advisor but I am a young penny stock legend, hoping to help everyone grow as a trader. 📈
Link in bio to join the LKTG discord community! 🐸

📍 The Moon 🌐 discord.gg/yC92MGe

📅 Joined April 2020

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To investigate the language of these moguls, this study implemented **API's** and various **NLP** tools.

API's:



...with ***snscape*** to scrape Tweet URL's from penny stock moguls

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...to scrape Tweep text body (resulting in 92k Tweets from 6 users)

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...to find accompanying stock market movement data.

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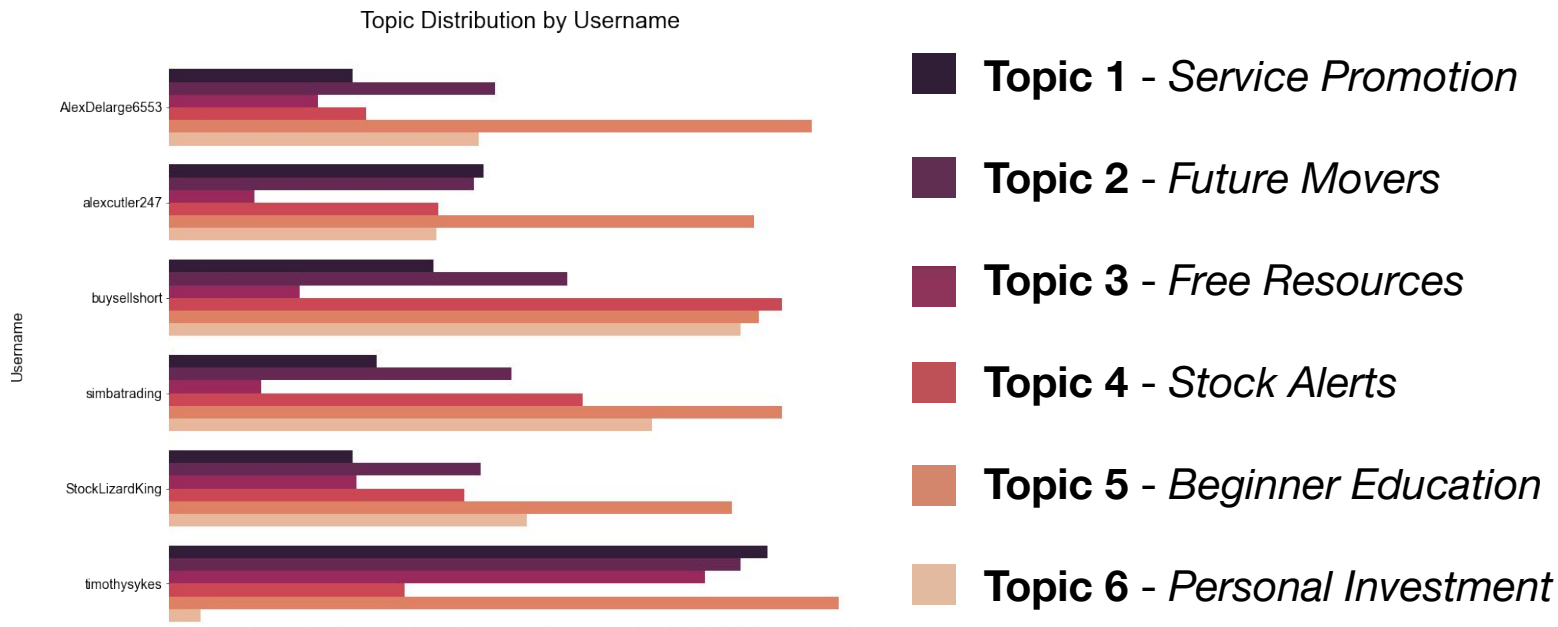


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Additional Research:

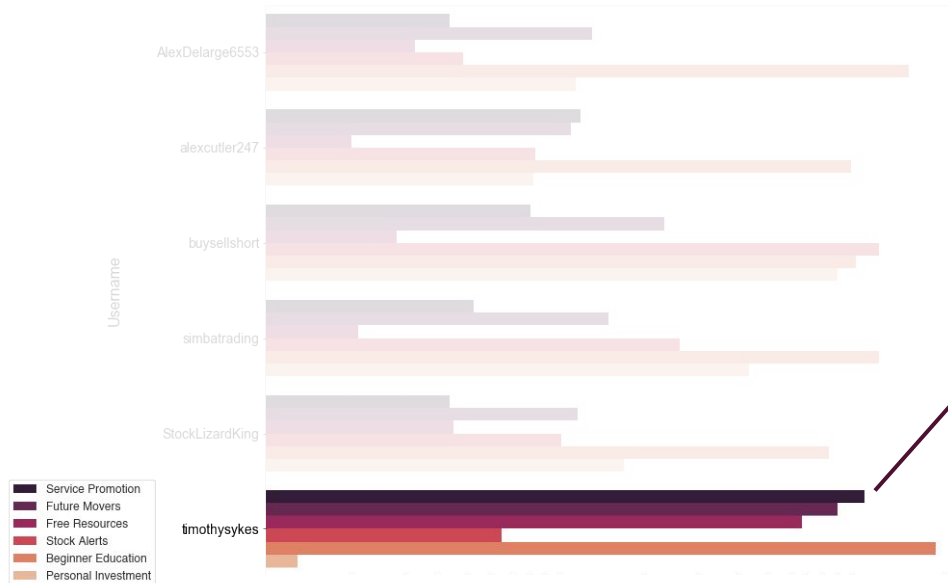


Using a TD-IDF vectorizer and Non-Negative Matrix Factorization, six topics fit well with six individual moguls.



Long-time stock educator Timothy Sykes tweeted frequently to promote client and personal success.

Topic Distribution by Username



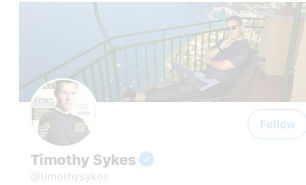
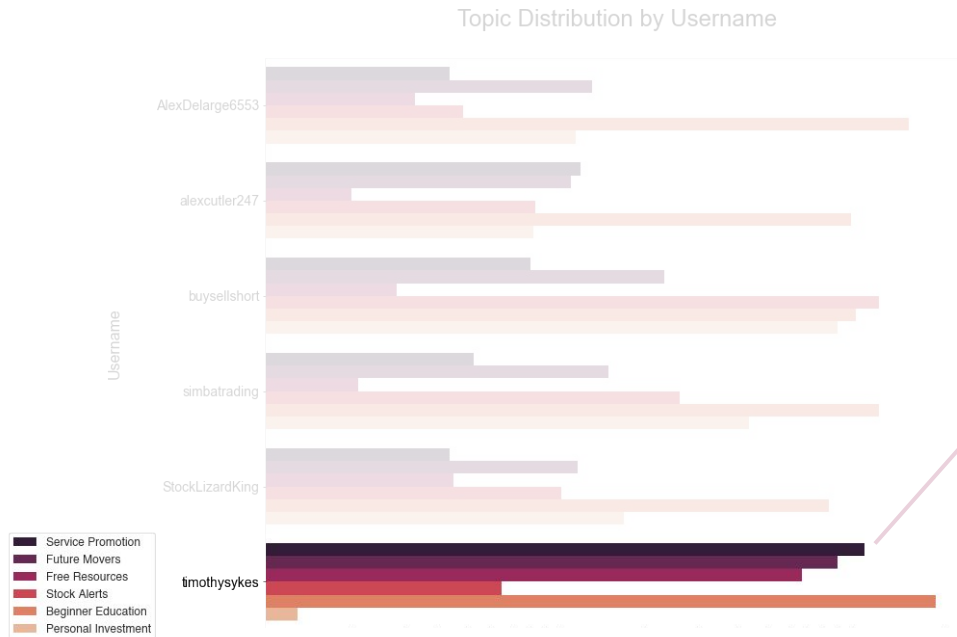
Topic 1: Service Promotion



Retweet/favorite this if you want a midday video lesson on how I strugggggled to make \$1.5k so far today on [\\$NEXCF \\$LIACF \\$GAXY](#) while also reviewing [\\$ALYI \\$NIO \\$TSLA \\$EQ \\$WIMI](#) & detailing how several tim.ly/sykesmc students made \$5,000-10,000 each trading better than me!

12:17 PM · Jul 14, 2020 · Twitter Web App

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Topic 1: Service Promotion

“Midday”,
“daily”, “video”

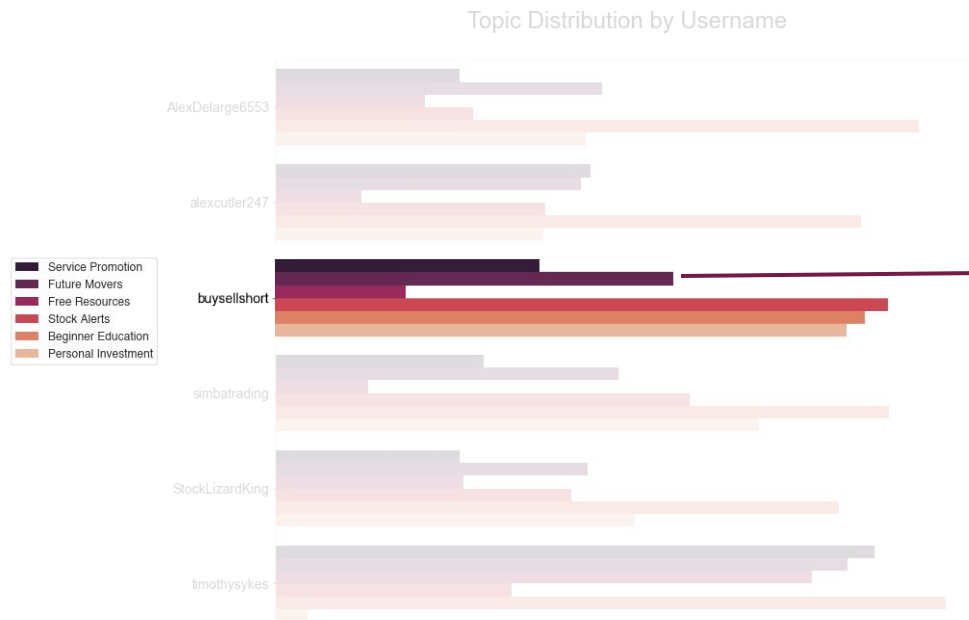
“make”,
“profit”

“students”

...this if you want a midday video lesson
...gged to make \$1.5k so far today on
...\$GAXY while also reviewing \$ALYI
...\$TSLA \$QQ \$WIMI & detailing how several
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Another advisor, **buysellshort**, focuses on real-time stock movement and future movers.



 **buysellshort.net**
@buysellshort
Free Chat Room discord.gg/QgN7Mam
📍 San Diego, CA 🌐 buysellshort.net/disclaimer/
📅 Joined December 2008
62 Following 119.5K Followers

Topic 2: Future Movers

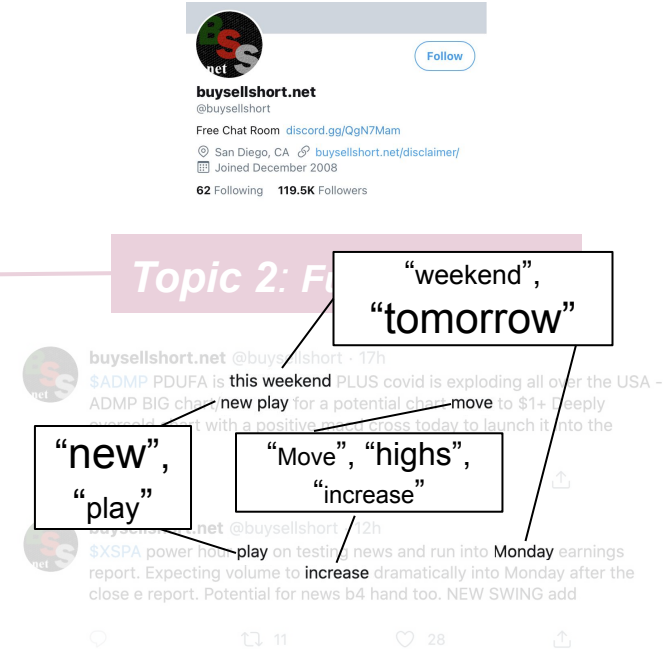
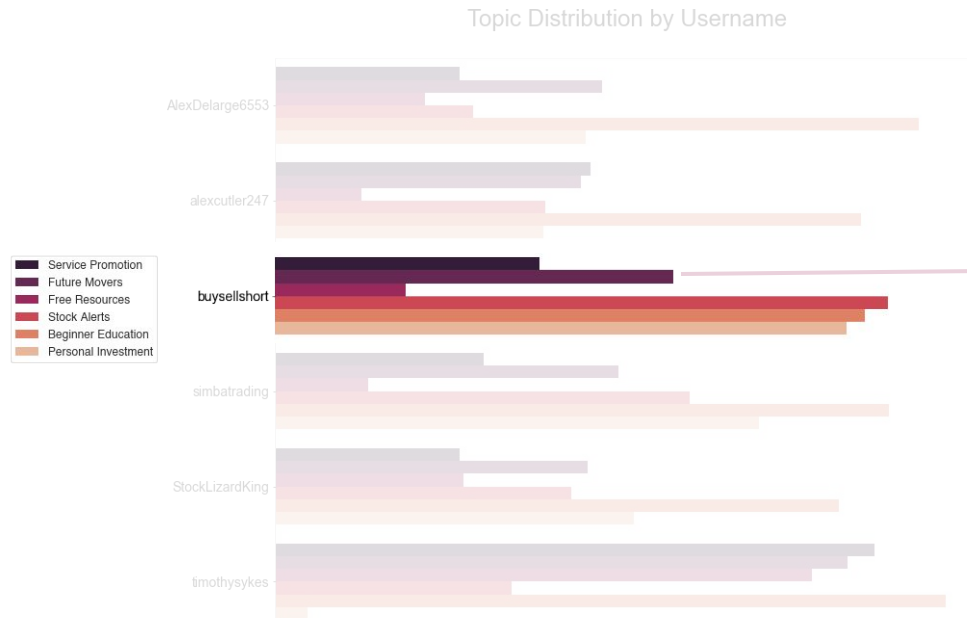
 **buysellshort.net** @buysellshort · 17h
\$ADMP PDUFA is this weekend PLUS covid is exploding all over the USA - ADMP BIG chart/new play for a potential chart move to \$1+ Deeply oversold chart with a positive macd cross today to launch it into the weekend.

🗨️ 11 🍷 40 📌

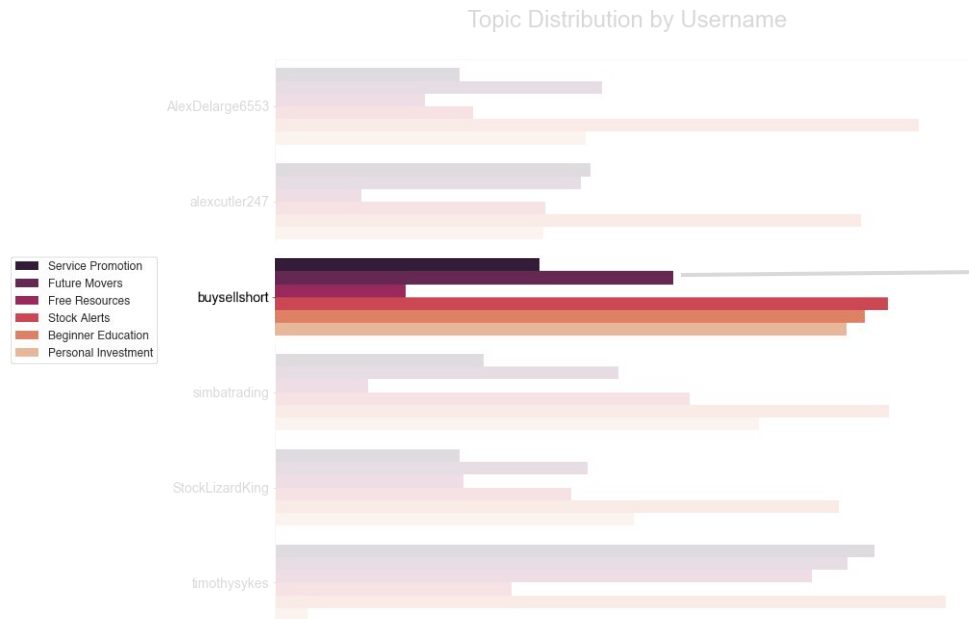
 **buysellshort.net** @buysellshort · 12h
\$XSPA power hour play on testing news and run into Monday earnings report. Expecting volume to increase dramatically into Monday after the close e report. Potential for news b4 hand too. NEW SWING add

🗨️ 11 🍷 28 📌

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buysellshort.net
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San Diego, CA buysellshort.net/disclaimer/
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Topic 2: F

“weekend”, “tomorrow”

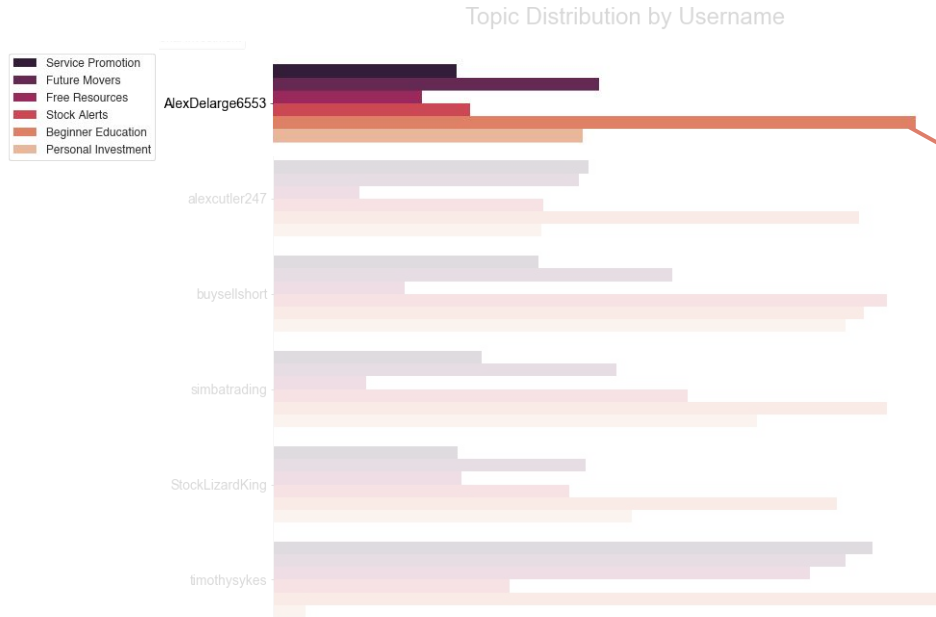
“new”, “play”

“Move”, “highs”, “increase”

“increase”

Monday

A self-described amateur trader, AlexDelarge6553, has a more informal corpus hinged on free basic trading tips.



Alexander Delarge 655321

@AlexDelarge6553

[vfoundation.donordrive.com/index.cfm?fuse...](#)

ALL INFO MY OPINION DO YOUR DD! HELP KILL CANCER

📍 Toledo, OH 📅 Joined September 2019

3,328 Following 8,912 Followers

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Topic 5: Beginner Education



Alexander Delarge 655321 @AlexDelarge6553 · 6h

Follow the best trader ever to live in his own mind! @craig_carmon I do! pure joy and positive. countless winner he produces

💬 3

↺ 1

❤️ 7



Alexander Delarge 655321 @AlexDelarge6553 · 13h

\$TSNP LOAD THIS SHIT!! IM HERE TO HELP ALL MAKE MONEY AND KILL CANCER!! MAKING MONEY IS THE EASY PART!!

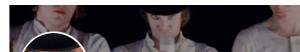
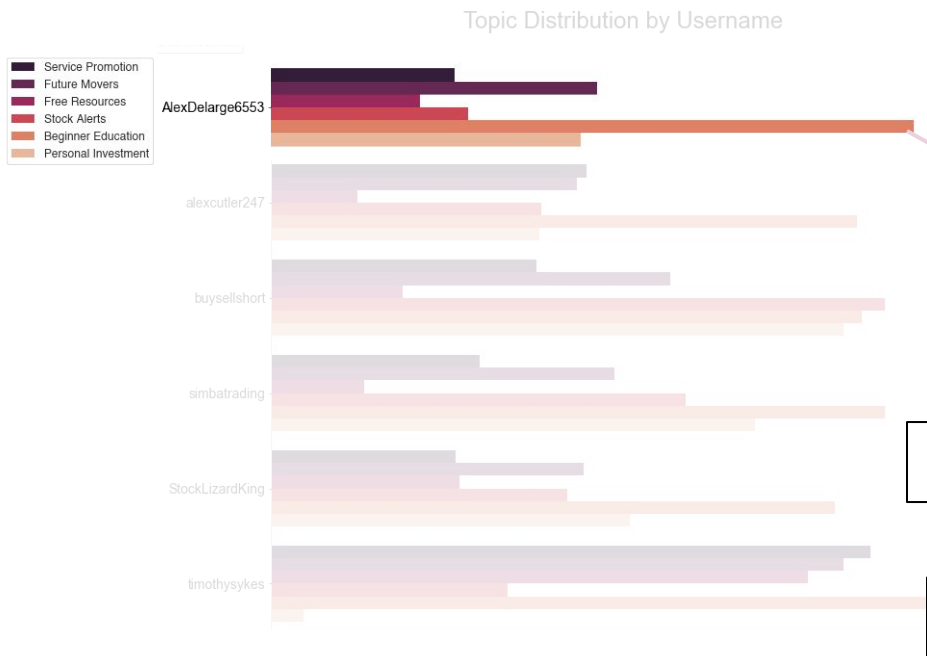
💬 3

↺ 6

❤️ 34



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Topic 5: Beginner Education



Alexander Delarge 655321

Follow the best trading tips

pure joy and positive mindset

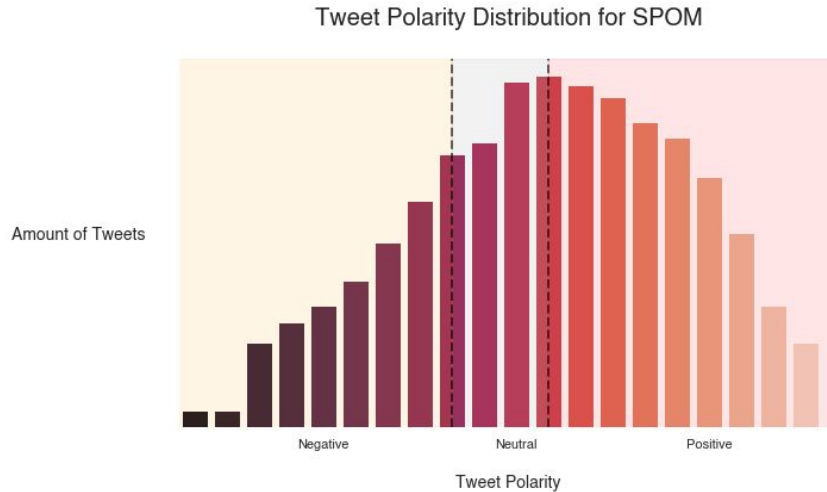
“best”, “big”

“follow”

“load”, “dips”

“help”,
“easy”

AlexDelarge6553 often “pumps” SPO Global Inc (SPOM), a mysterious shell company with frequent “mergers”.



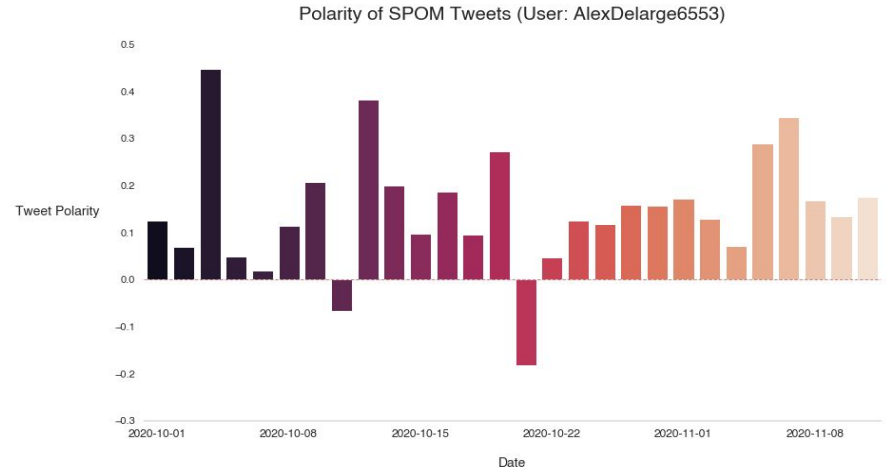
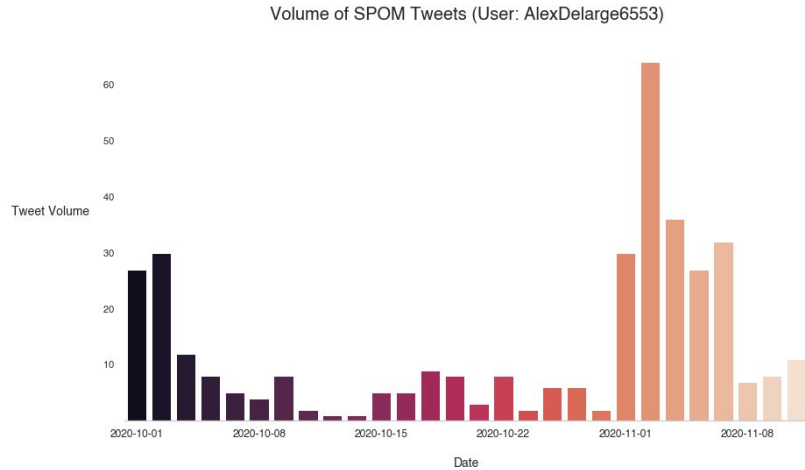
AlexDelarge6553

cashtagged **\$SPOM**

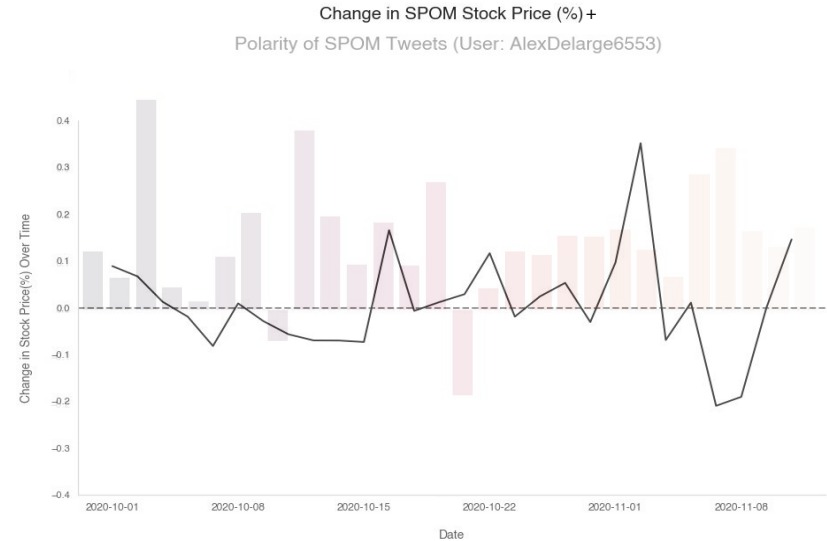
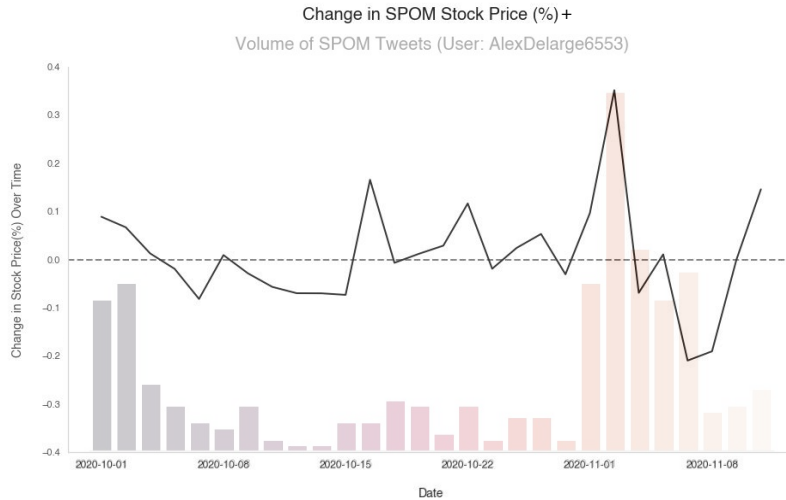
4.8k times in 2020

~34% of his **14.1k** Tweets

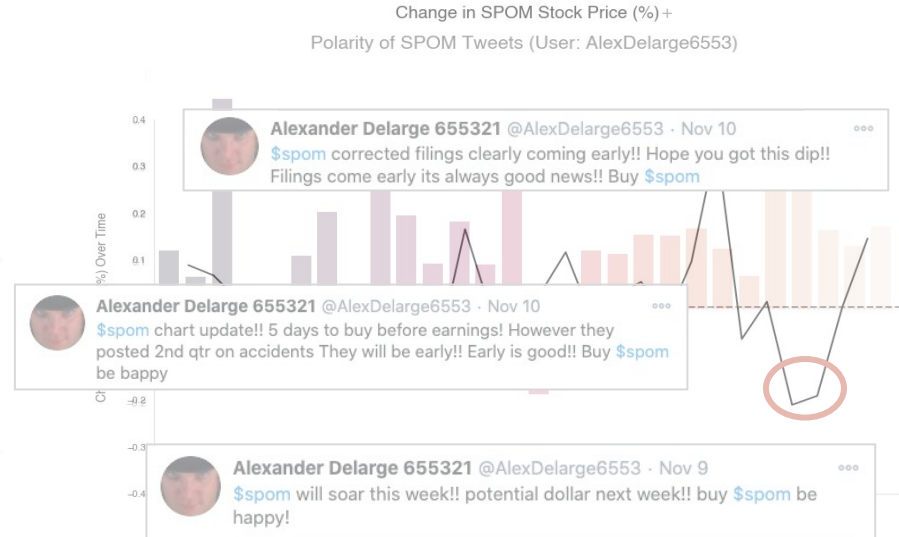
In October and November 2020, AlexDelarge6553 tweeted positively and often, most notably at the top of the month...



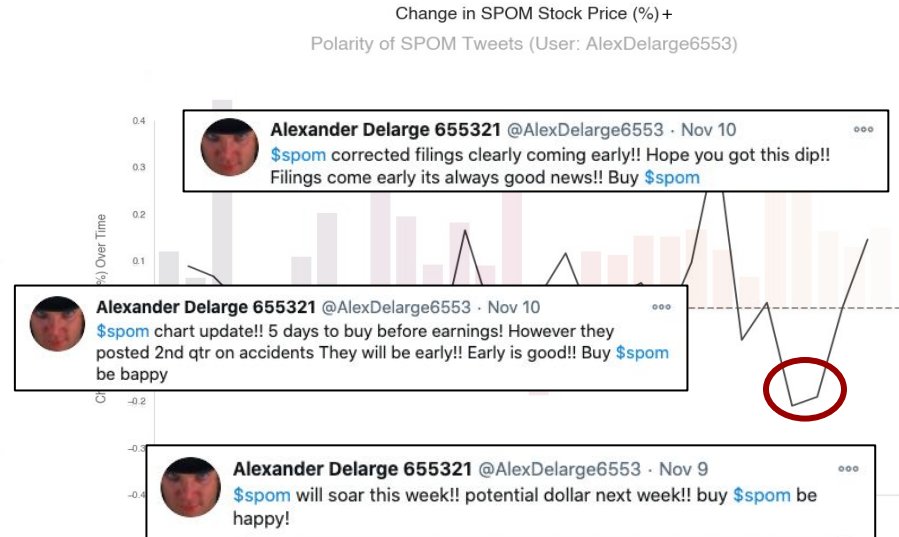
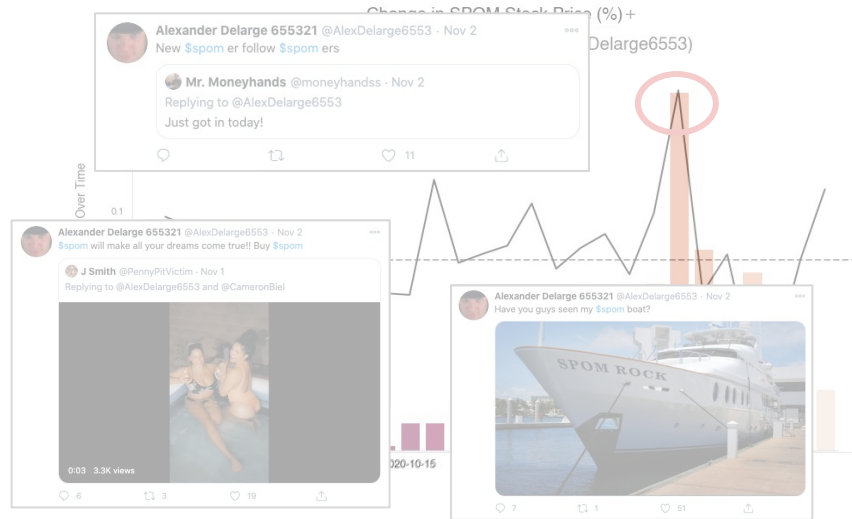
**... Tweeting with more regularity when the stock price rose,
yet positive sentiment when stock price fell.**



... Tweeting with more regularity when the stock price rose, yet positive sentiment when stock price fell.



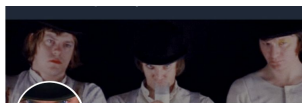
... Tweeting with more regularity when the stock price rose, yet positive sentiment when stock price fell.



The correlation between **tweet polarity / volume** and stock growth is promising for ***future investing opportunities***.

Future Work:

- Use ***Alpha Vantage API*** to extract intraday data, accomodating for lightning fast changes in world of low-float penny stocks
 - **Deep Learning** model (neural network?) trained on scraped Tweets and intraday data to make investment recommendations
 - **spaCy** and other NLP tools to more heavily consider sentence syntax (parsing)
-



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CANCER

📍 Toledo, OH 📅 Joined September 2019

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Follow

Alex Cutler

@alexcutler247

Meteorologist / Data Analyst / Investor & Day Trader
(All Tweets are my Opinion & Own Research, Not a
Licensed Financial Advisor)

🔗 discord.gg/kingstreet 📅 Joined August 2019

87 Following 52.3K Followers



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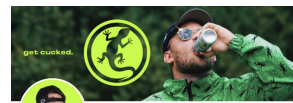
@buysellshort

Free Chat Room discord.gg/QgN7Mam

📍 San Diego, CA 🔗 buysellshort.net/disclaimer/
📅 Joined December 2008

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Any Questions?



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Not a financial advisor but I am a young penny stock
legend, hoping to help everyone grow as a trader, 🚀
Link in bio to join the LKTG discord community! 🗨️

🌙 The Moon 🔗 discord.gg/yC92MGe
📅 Joined April 2020

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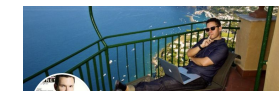
SimbaTrading

@simbatrading

Main focus is small cap/floa float stocks ...tweets are
my opinion only...please make your own investment
decisions.

📅 Joined May 2014

104 Following 26.1K Followers



Follow

Timothy Sykes ✓

@timothysykes

I've turned \$12k into \$6+ million visiting 100+
countries/building 70 schools/libraries, I'm looking for
dedicated students, go apply: tim.ly/sykesmc

📍 Miami Beach 🔗 timothysykes.com
📅 Joined December 2007

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Appendix A - Word Clouds by User

alexcutler247



AlexDelarge6553



buysellshort



simbatrading



StockLizardKing



timothysykes



Appendix B - Future Work (SMH, NIO)

Future Work:

- SMH, with fairly neutral sentiment, could be an investment opportunity when considered with other factors.
- NIO, with almost exclusively positive sentiment, is not a great investment opportunity as the price continues to rocket up (volatile and a downturn is inevitable)

