REDDIT SUBMISSION ANALYSIS

Wall Street Bets

INTRODUCTION

MOTIVATION

Recent attention to options trading due to Wallstreetbet VS Hedge Funds
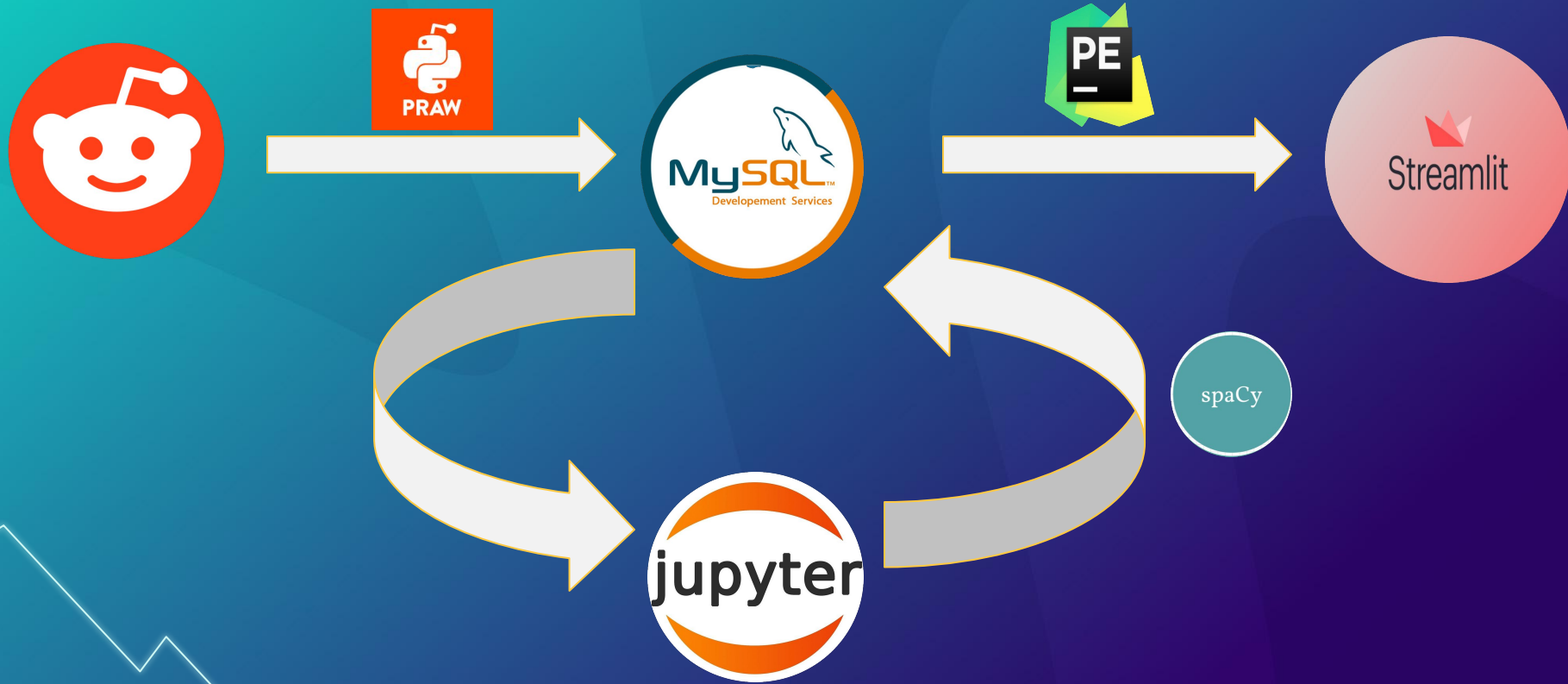
OBJECTIVE

Data Acquisition, Cleaning, Deployment in a large scale

GOAL

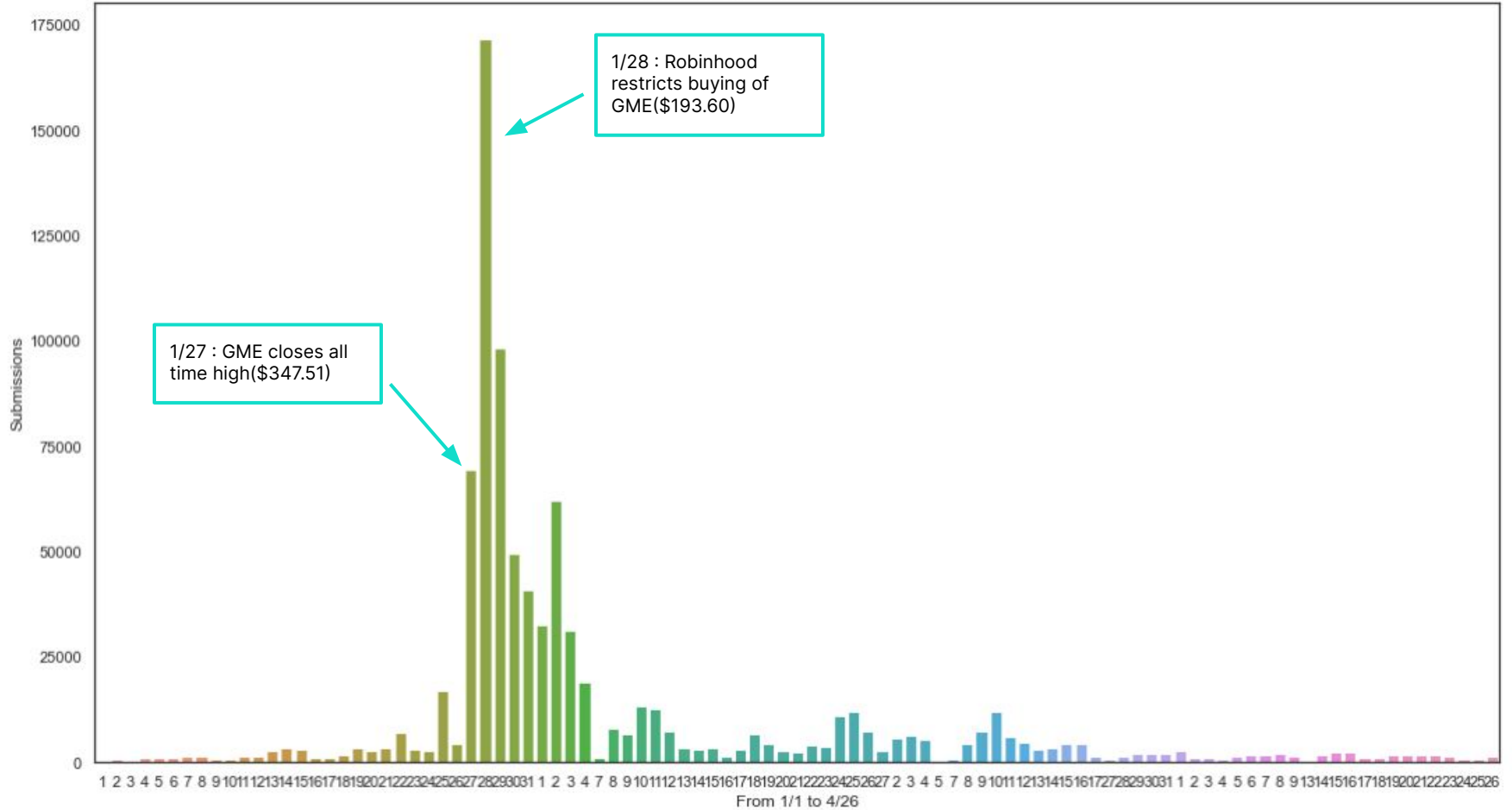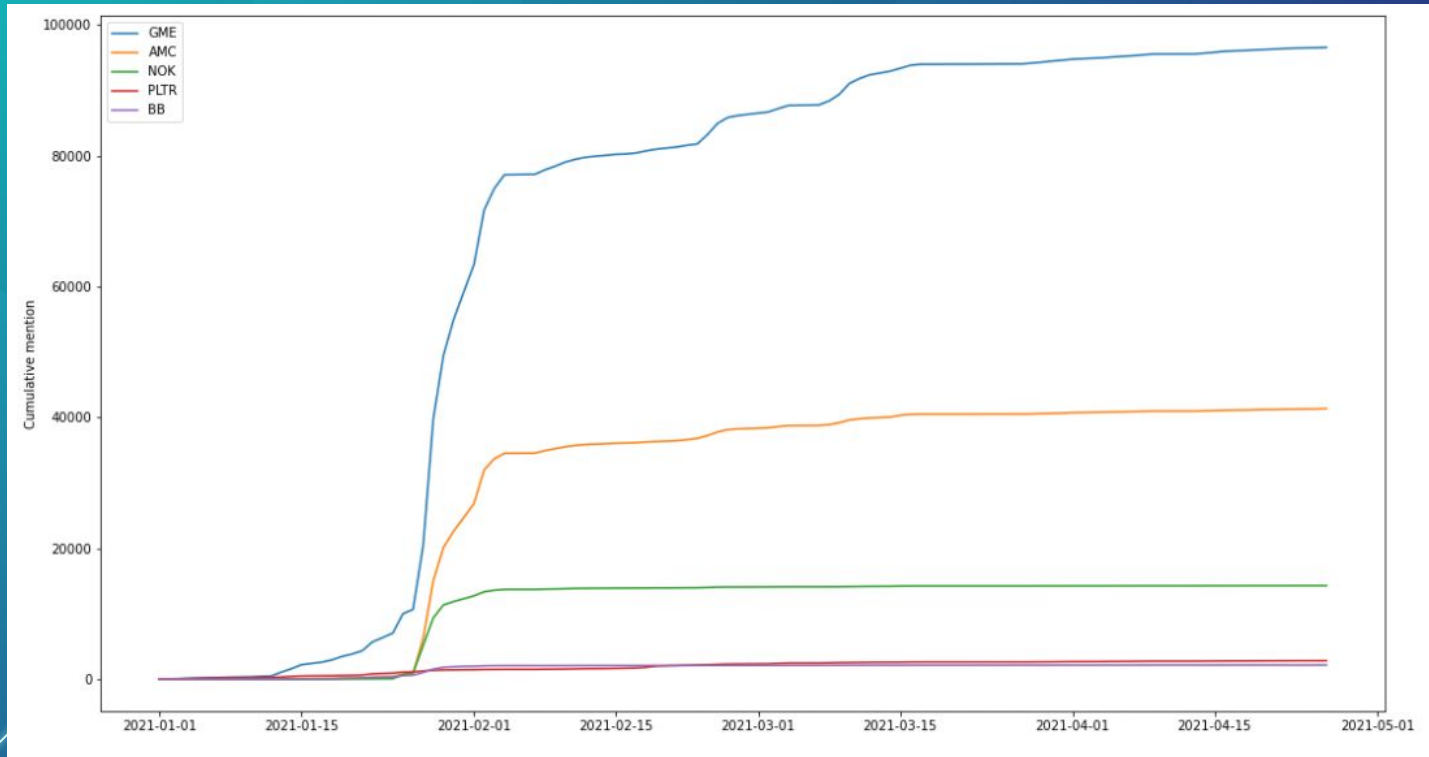Creating a pipeline for the entire process

WORK FLOW

DATA

- Reddit/Wallstreetbets submissions between 1/1/21~4/28/21

- Total of 882,928 data points were collected

- Author, score, selftext, time, title, url

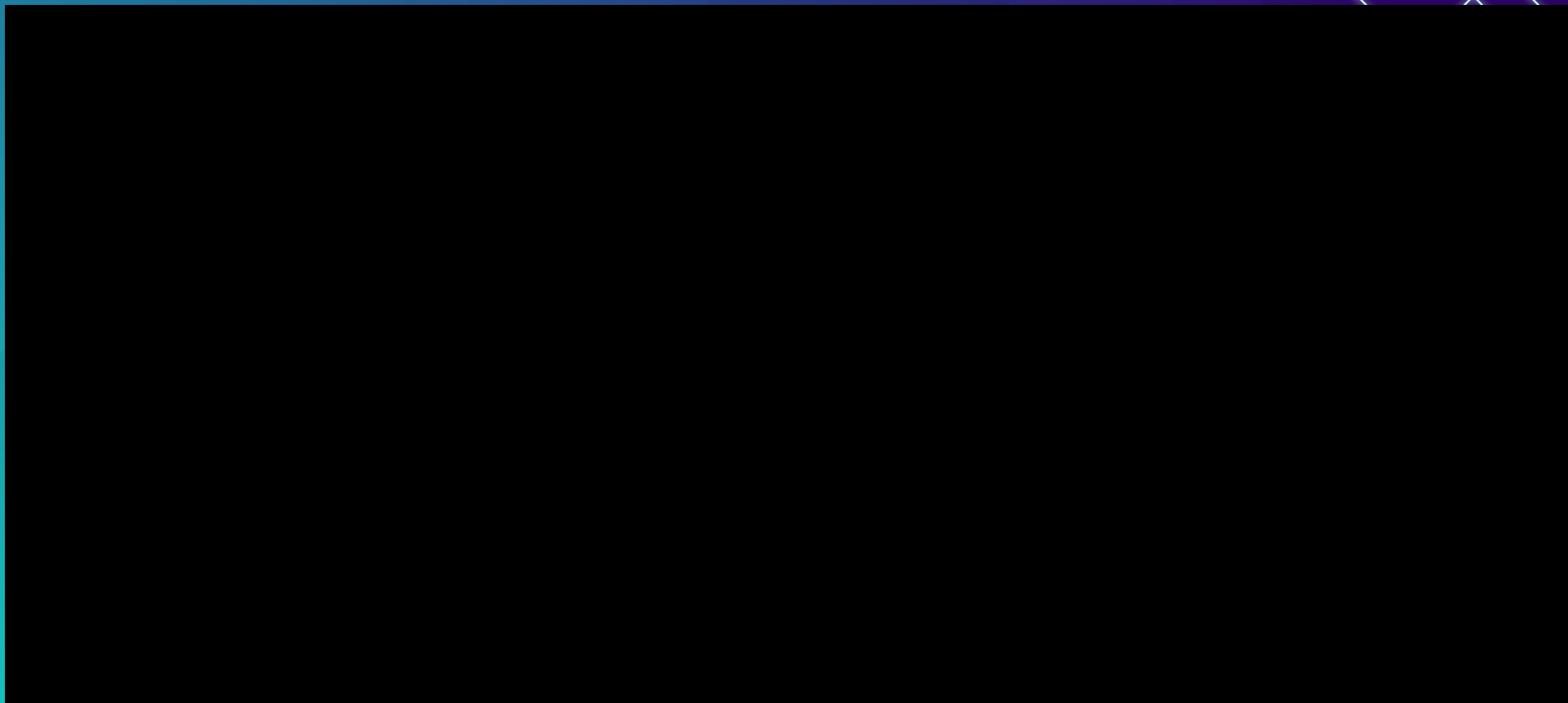|	title	selftext	author	score	time	url
514307	What's your opinion on NOK	[removed]	Pablo_Escabor_	1	2021-01-28 13:09:05	https://www.reddit.com/r/wallstreetbets/commen...
492621	AMC IS THE NEW ONE BOYS FUCK ROBINHOOD	Everyone jump in AMC let's pump this baby up t...	Adept_Commission_993	1	2021-01-28 09:23:11	https://www.reddit.com/r/wallstreetbets/commen...
345051	Hold!!!!!!! 🤑		DemoAlianza	1	2021-02-03 18:22:58	https://www.reddit.com/gallery/lc53o3
522070	With all that's happening with Robinhood, don'...	[removed]	AyoSummy	1	2021-01-28 14:56:50	https://www.reddit.com/r/wallstreetbets/commen...
106614	Me when someone makes a detailed post on why I...		Total-Nothing	1	2021-01-30 10:28:56	https://i.redd.it/c2mwdsy6jie61.png

Daily reddit submissions from 2/1 to 4/26

TOP 5 MOST MENTIONED(CUMULATIVE SUM)

STREAMLIT

CONCLUSION

- Mentions peaked during late January and early February

- After that they quickly moved back down to less than 10,000 mentions

FUTURE WORK

- Incorporate Docker

- Sentiment analysis using vader lexicon

- Possibly linking sentiment score with each stock fluctuation

APPENDIX

	neg	neu	pos	compound	title
0	0.000	0.530	0.470	0.7351	Best Plays for January 2021 - Don't ask for proof
1	0.161	0.629	0.210	0.1779	ahahaha awards are stupidz burning mine, smh. ...
2	0.000	1.000	0.000	0.0000	RYCEY Stock
3	0.287	0.370	0.343	0.1531	Happy New Year you Degenerate fucks
4	0.189	0.811	0.000	-0.2732	PLTR: How much will it drop before rocketing a...
5	0.000	0.655	0.345	0.8750	THE ONLY pure play for feeding China on the Na...
6	0.000	1.000	0.000	0.0000	ARKG + SPAC? Take My Money Immediately 🚀
7	0.126	0.683	0.191	0.2263	Lets hope that during the new year retarded po...
8	0.000	0.667	0.333	0.7906	PLTR bull tries to flex the Reddit karma he ga...
9	0.000	0.592	0.408	0.7840	Happy new year ! Funny that the only green one...