

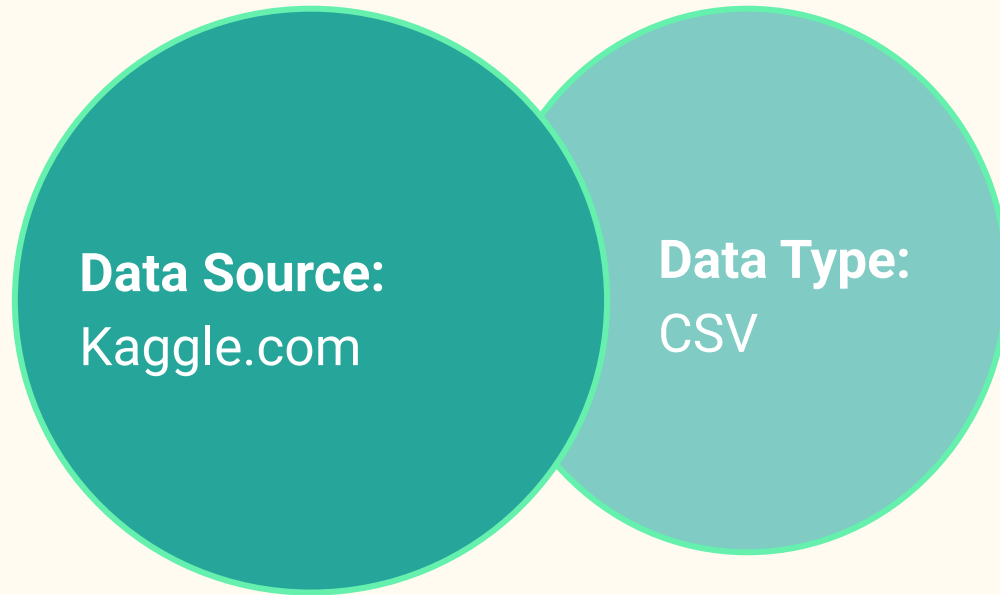


Twitter Activity

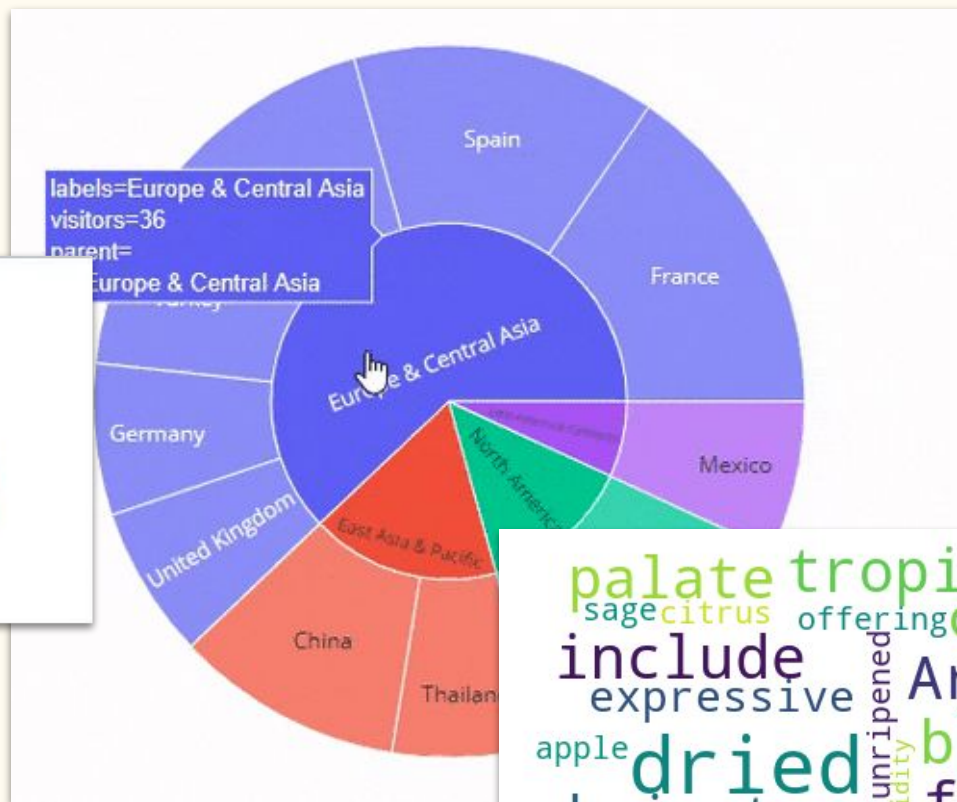
The Anonymous - Jason, Swobabika, Thomas & Diana

*Measuring the Twitter activities around
the top 5 NASDAQ Companies from
2015 to 2020.*

Our Data

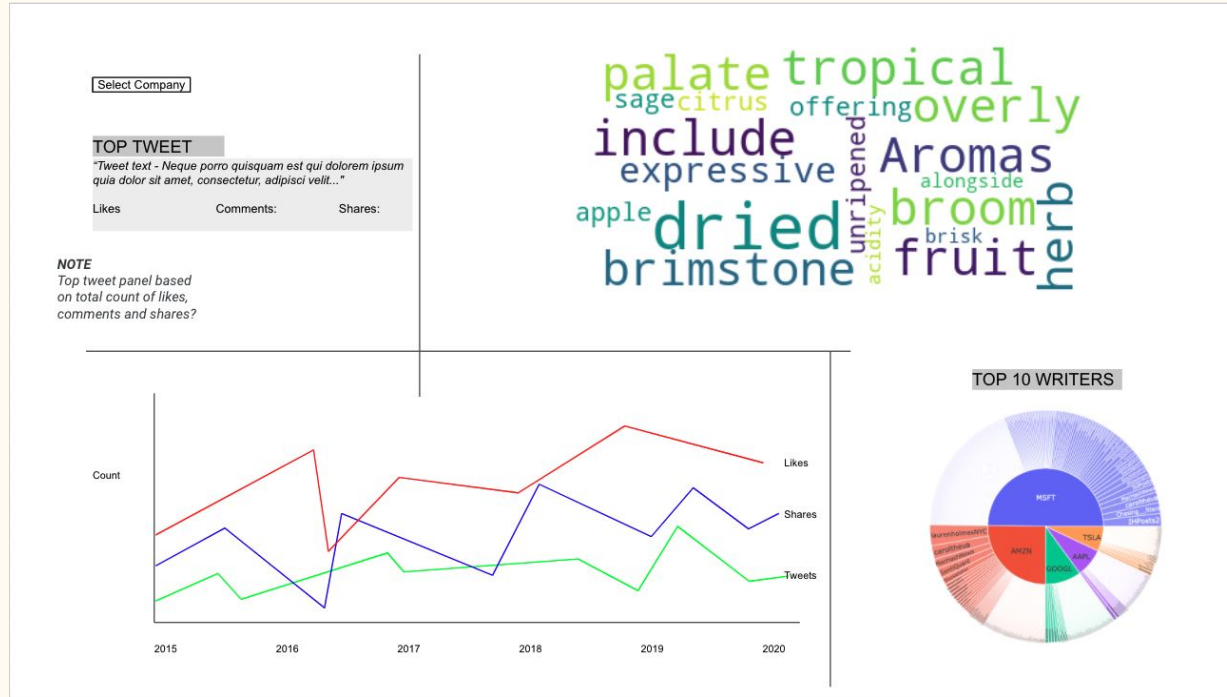


Inspiration

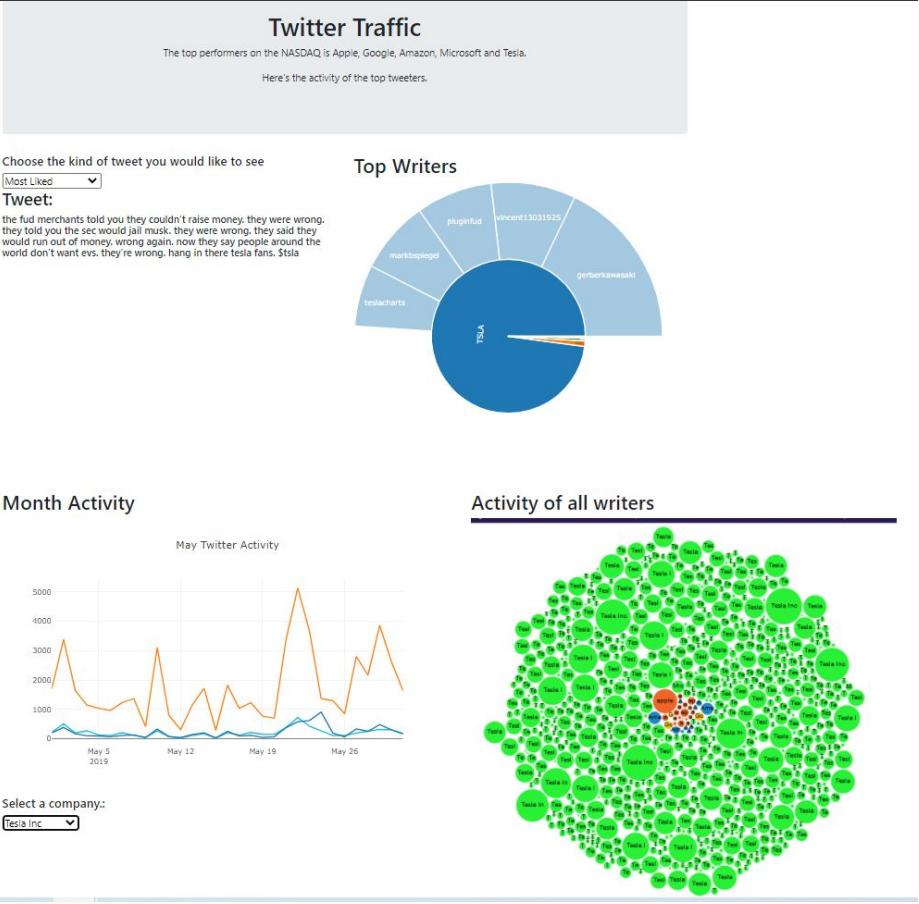


palate tropical
sage citrus offering overly
include expressive Aromas
apple dried unripened alongside
brimstone acidity fruit herb

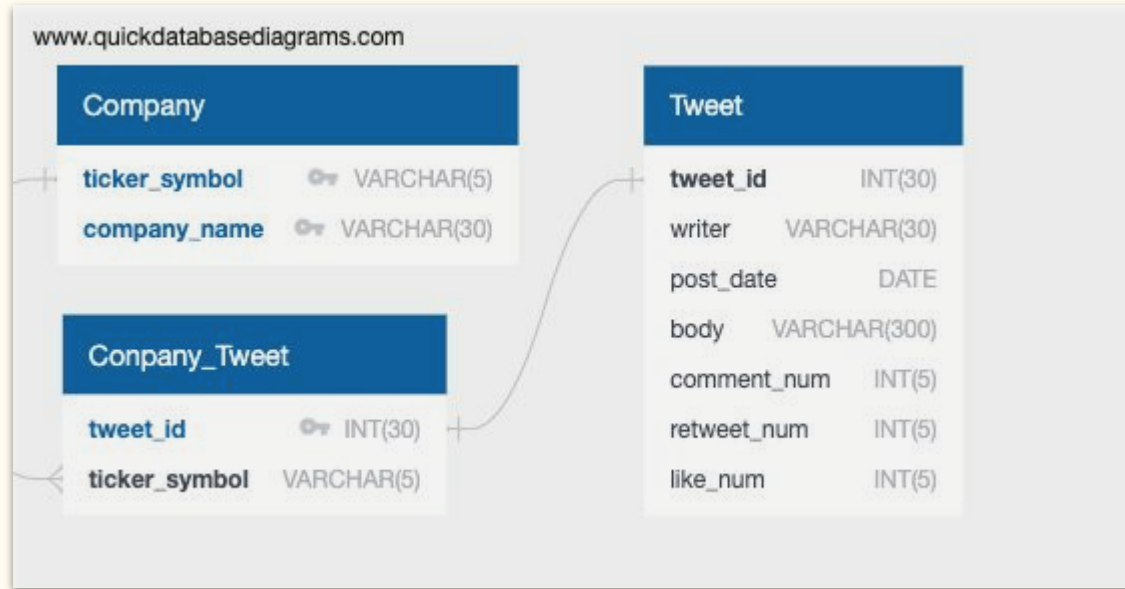
Design Concept



ACTUAL DESIGN



Cleaning and Transformation



Joins

Data
filtering

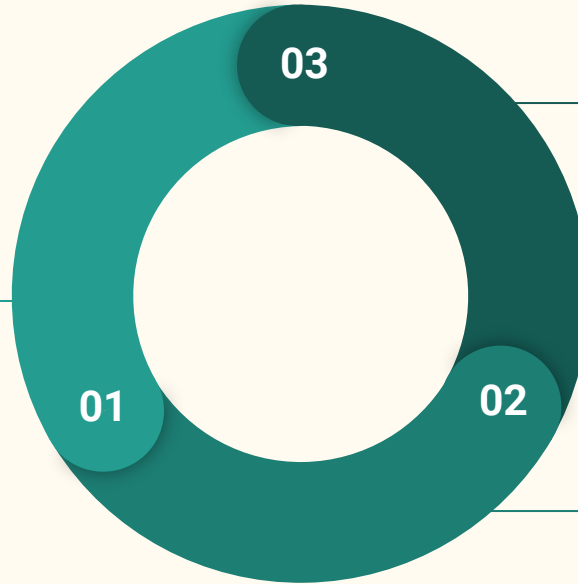
Aggregations

ticker_symbol	company_name	tweet_id	writer	post_date	body	comment_num	retweet_num	like_num	reaction_total
AAPL	apple	1.12339E+18	gerberkawasaki	1/5/19	thoughts on apple and innovation from #cnbc to	5	4	18	27
AAPL	apple	1.12341E+18	gerberkawasaki	1/5/19	in time. disney will prove the best model. if you	6	4	44	54
AAPL	apple	1.12341E+18	gerberkawasaki	1/5/19	apple is trying to be the gate keeper. they will g	1	0	8	9
AAPL	apple	1.12341E+18	gerberkawasaki	1/5/19	apple ultimately will not stop people from signi	0	3	14	17

Back End Development

Database & Flask

Database
Final CSV files was imported into pgAdmin
to create Postgres database



Javascript

Visualisations generated on a series of
javascript files appear with interactivity.

- Plotly
- D3
- AnyChart library

Flask App

Flask Apps pulls in Postgres database.
Routes were created to filter full data and
each company individually.
Query was returned as a jsonified data

Sneak Peak

Lessons Learnt

- **Sunburst challenges**

Extremely complex data wrangling.

- **Word Cloud challenges**

Very difficult working with text data.