



Ostbayerische Technische Hochschule
Amberg-Weiden

Twitter-Dash

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Ziel des Projekts ist es, einen Überblick über aktuelle Trends auf Twitter zu erhalten.

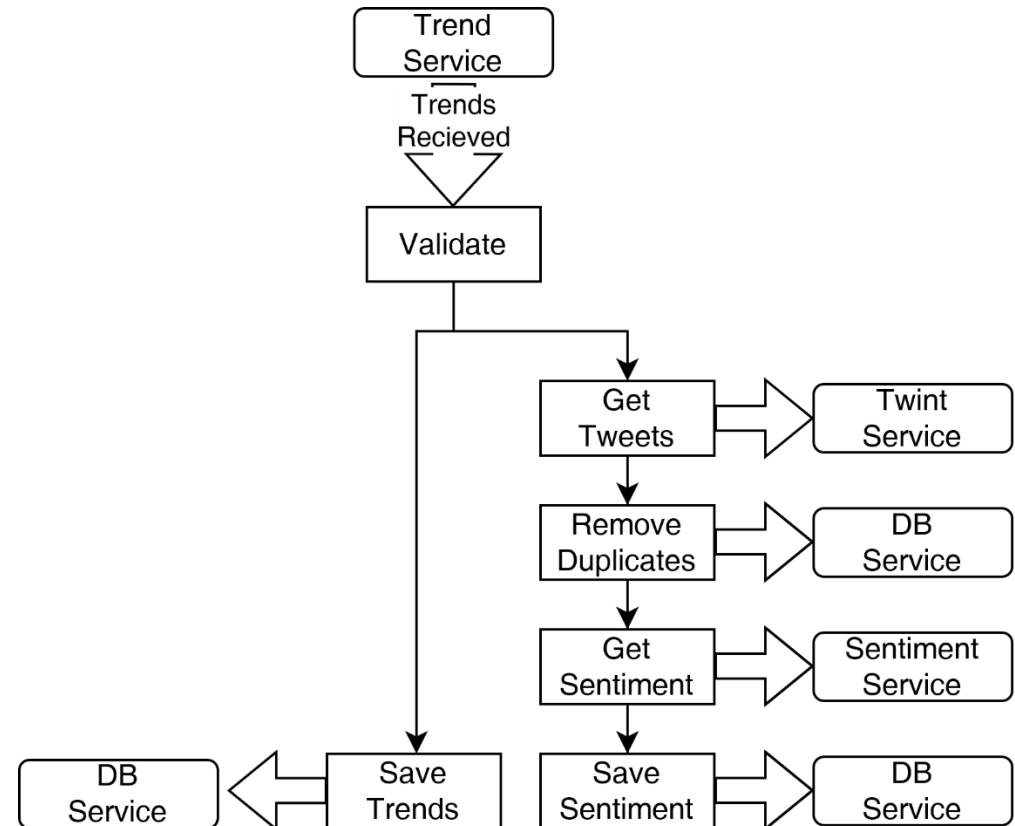
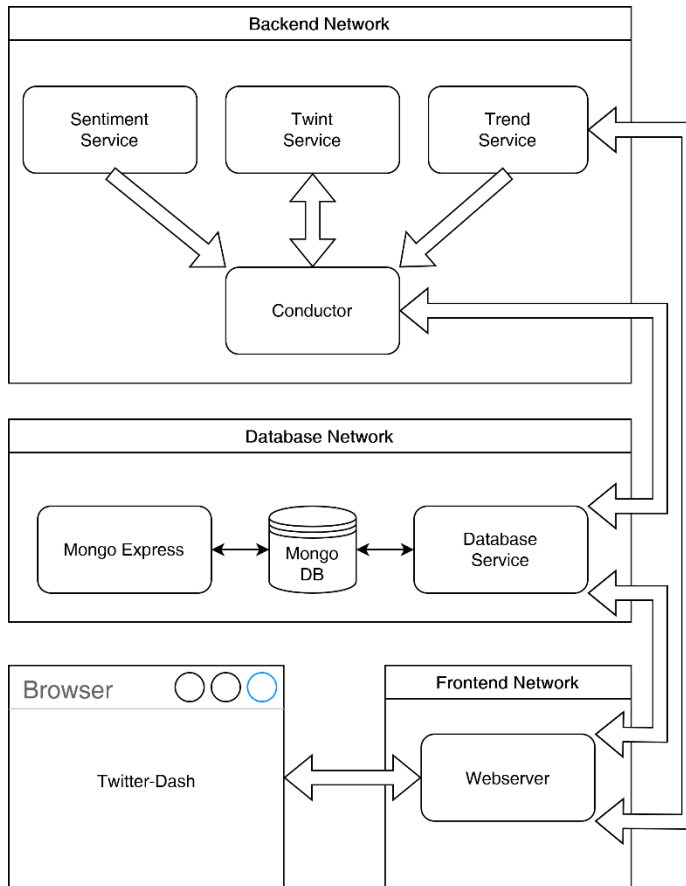
Anforderungen:

Implementiert:

- (1) Aktuelle Trends
- (2) Zeitlicher Verlauf eines Trends
- (3) Zeitlicher Verlauf mehrerer Trends vergleichen
- (5) Sentiments


Ausstehend:

- (4) Topics
- (6) Informationen zu einem Tweet
- (7) Hashtag Heatmap
- (8) Twitter Nutzer Statistiken




Database

Line coverage

 98%	Covered lines:	292
	Uncovered lines:	3
	Coverable lines:	295
	Total lines:	488
	Line coverage:	98.9%

Conductor

Line coverage

 98%	Covered lines:	358
	Uncovered lines:	5
	Coverable lines:	363
	Total lines:	607
	Line coverage:	98.6%

Sentiment

Coverage report: 67%

coverage.py v6.4.1, created at 2022-07-04 19:01 +0200

Module	statements	missing	excluded	coverage
sentiment.py	93	44	0	53%
stub__init__.py	0	0	0	100%
test_sentiment.py	45	1	0	98%
Total	138	45	0	67%

coverage.py v6.4.1, created at 2022-07-04 19:01 +0200

Trendservice

Coverage report: 90%

coverage.py v6.4.1, created at 2022-07-04 19:03 +0200

Module	statements	missing	excluded	coverage
stub__init__.py	0	0	0	100%
test_trend_service.py	27	1	0	96%
twitter_api_caller.py	40	6	0	85%
Total	67	7	0	90%

coverage.py v6.4.1, created at 2022-07-04 19:03 +0200

Twint

Coverage report: 73%

coverage.py v6.4.1, created at 2022-07-04 19:12 +0200

Module	statements	missing	excluded	coverage
stub__init__.py	0	0	0	100%
test_twint_scraper.py	32	1	0	97%
twint_scraper.py	52	22	0	58%
Total	84	23	0	73%

coverage.py v6.4.1, created at 2022-07-04 19:12 +0200

Live Demo!

<https://bdcc.kreusselgruft.dns.army>

Twitter Dash

Introduction to Twitter Dash

Welcome to Twitter Dash! This is a project for the course "Big Data And Cloud Computing" (BDCC) for the summer semester 2022. Twitter Dash allows you to:

- Look at current trends by location
- Look up the Tweet volume for a certain trend
- Follow the change in sentiment for a certain trend
- Display the change in ranking over time

Usage description of Twitter Dash

The website is split into 5 pages. You can navigate to the other pages by clicking on the corresponding name in the navigation bar at the top of your screen.

Twitter Dash

This is page you are currently looking at. It contains supplementary information about the projekt and serves as a quasi tutorial.

Trending Now

This page allows you to look at the current trends in a certain country. Simply choose a country from the available countries and a maximum limit for the number of results and you're good to go! The result table contains multiple columns, some of which are sortable, just try it out! You will notice that some of the cells change color, once you hover over them. If you click on those, you'll be referred to the other pages on this website, so you won't have to type so much. How handy!

Tweet Volume History

If you want to check the number of tweets with a certain hashtag or trend, you've come to the right place. Just enter your query and the website will give you the result. It's also possible to change the granularity as well as the start and end date. However, due to certain limitations with the Twitter API, the range of valid dates is limited.

Sentiment History

This page lets you check the history of the sentiment to a certain topic. The controls are analogous to "Tweet Volume History". The only difference is that the search field uses an autocomplete functionality.

Trend History

Twitter Dash

Trending Now

Tweet Volume History

Sentiment History

Trend History

Country

Germany

Limit

5

Placement	Trend	Sentiment	Tweet Volume 24h
1	#dasperfektedinner	-0.40	0
2	#SexoderZug	0.00	0
4	#AnneWill	0.01	19212
5	#Lawrow	0.01	0
9	#firstdates	0.00	0

1–5 of 5

<

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Twitter Dash Trending Now **Tweet Volume History** Sentiment History Trend History

Start Date

06/27/2022 08:03 pm

Granularity

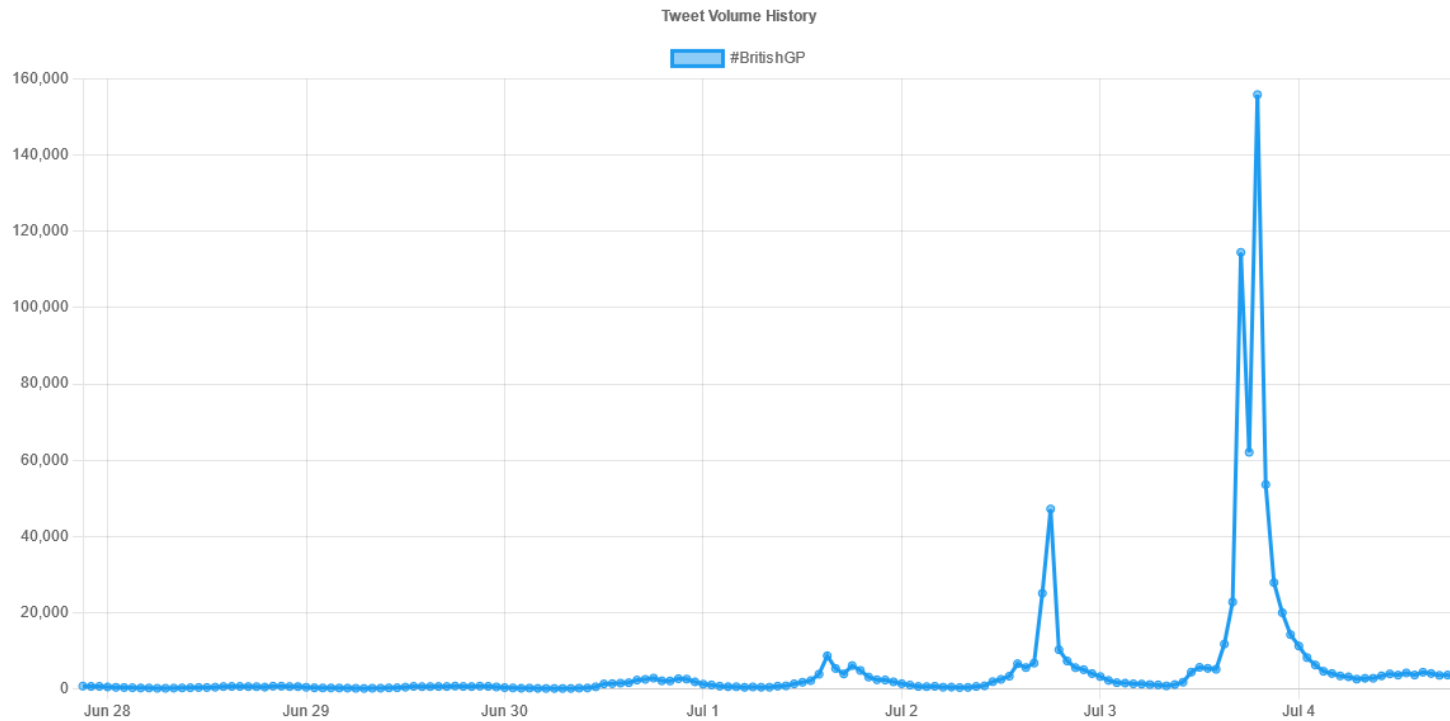
hour

End Date

07/04/2022 07:53 pm

Trend

#BritishGP



Activate Windows
Go to Settings to activate Windows.

Twitter Dash

Trending Now

Tweet Volume History

Sentiment History

Trend History

Start Date

06/27/2022 07:54 pm



Granularity

hour



End Date

07/04/2022 07:54 pm

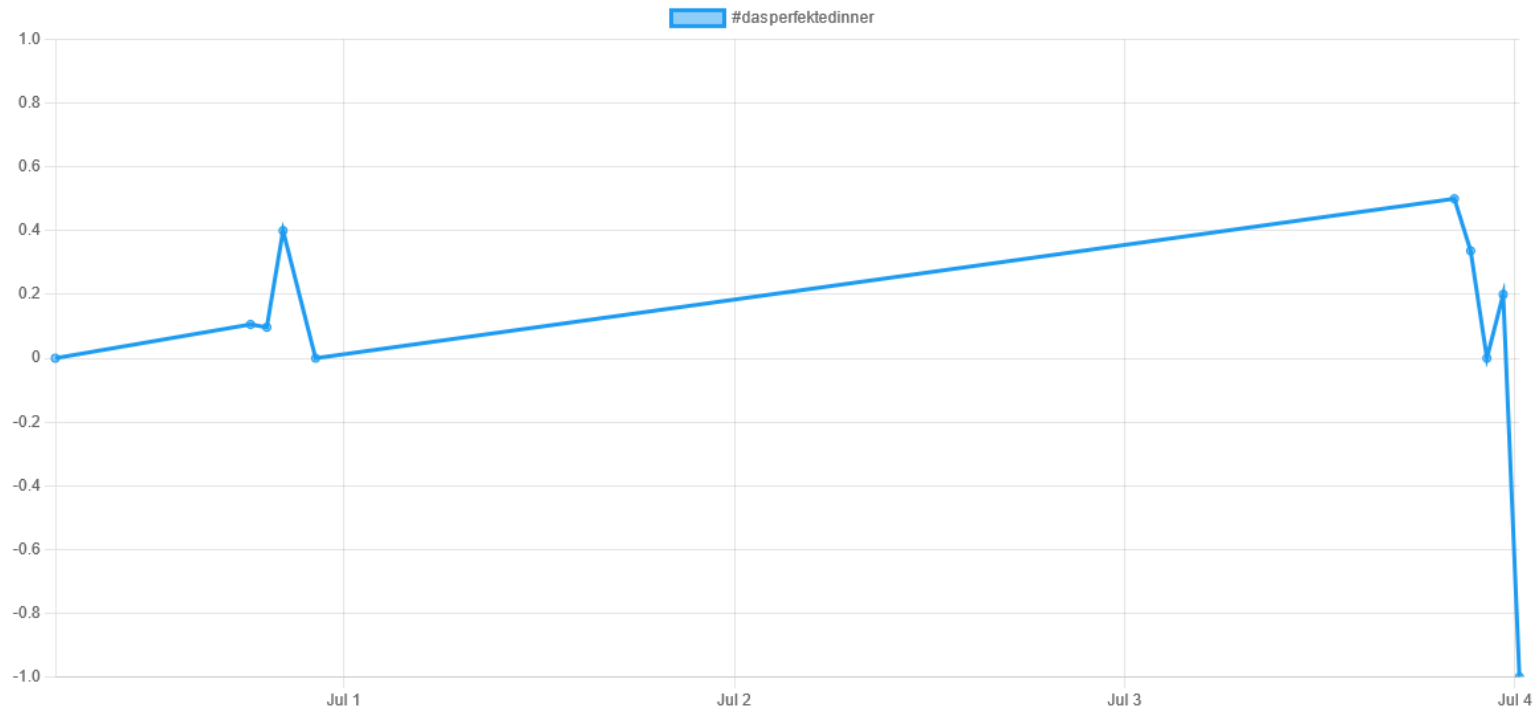


Trend

#dasperfektedinner



Sentiment History



Activate Windows
Go to Settings to activate Windows.

Twitter Dash

Trending Now

Tweet Volume History

Sentiment History

Trend History

Start Date

06/27/2022 07:59 pm



Country

Germany



End Date

07/04/2022 07:59 pm



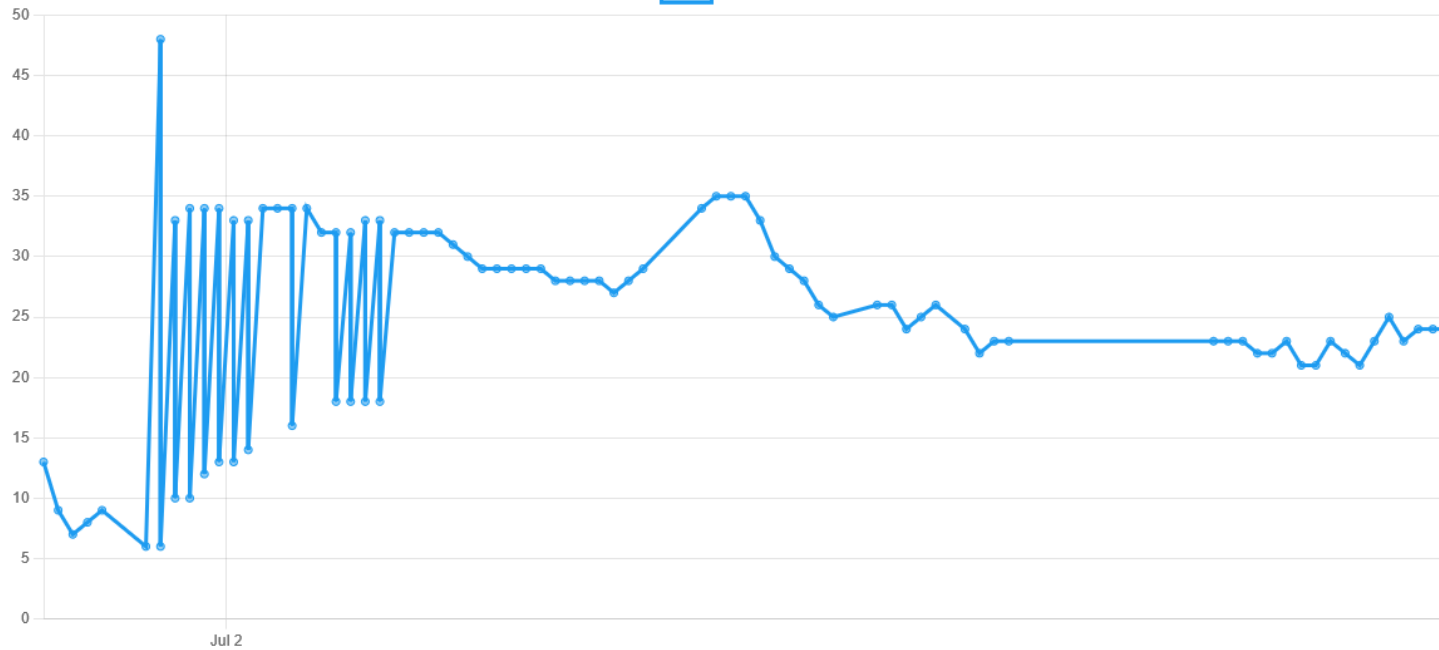
Trend

#U19EURO



Trend History

#U19EURO



Activate Windows

Go to Settings to activate Windows.