Cogno Web Obervatory

Components

- Dashboard
- Dialog-example
- Graph
- Icons
- Admin-layout
- Login
- Map
- Maps
- Model

Components cont.

- Notifications
- Register
- Table-list
- Trendtopic
- Typography
- Upgrade
- User-profile
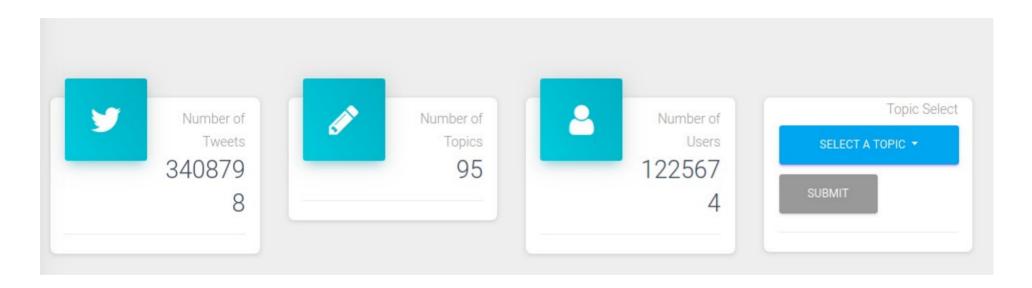- Wishlist
- Components
  - Footer
  - Navbar
  - sidebar

Not Useful Components

- Icons : Given by google as we have used google icons

- Model : Created by mistake (I Think)

- Notifications : Provided by material as learning resource of notification

- Typography : Again by material for better typographic elements such as heading, para , text (Learning Resource)

- User Profile : Looks like we are taking log of user activity

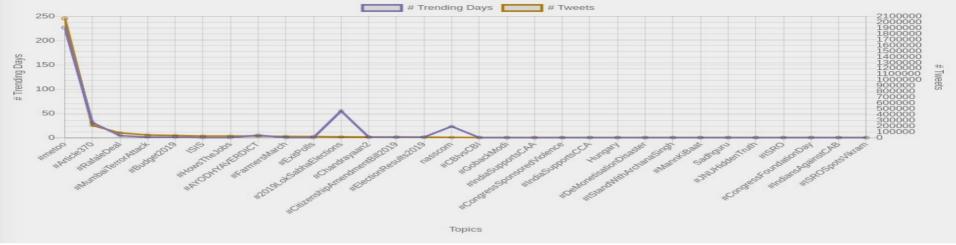- Upgrade : Given by material UI for there promotion

Services

- Alert service
- Auth-guard
- Auth
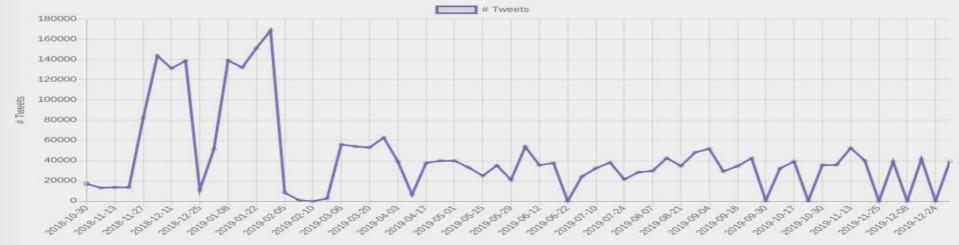- Customer
- Data-utils
- Name
- Update

Dashboard

Used Services : Data-utils,name,example

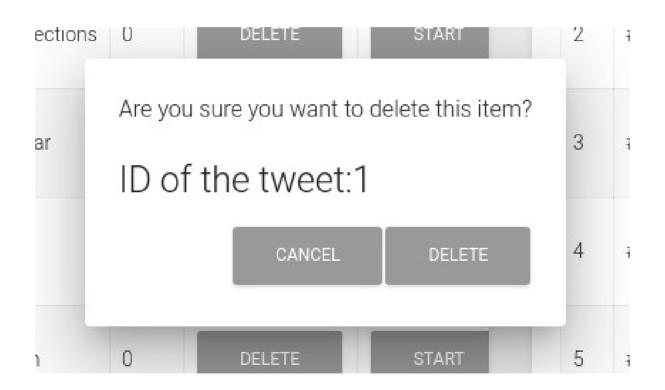## Number of trending days and tweets across topics

Legend: # Trending Days, # Tweets

Y-axis (left): # Trending Days (0 to 250)
Y-axis (right): # Tweets (0 to 2100000)
X-axis: Topics

Topics: #metoo, #Article370, #RafaleDeal, #MumbaiTerrorAttack, #Budget2019, ISIS, #HowsTheJobs, #AYODHYAVERDICT, #FarmersMarch, #ExitPolls, #2019LokSabhaElections, #Chandrayaan2, #CitizenshipAmendmentBill2019, #ElectionResults2019, nasscom, #CBIvsCBI, #GobackModi, #IndiaSupportsCAA, #CongressSponsoredViolence, #IndiaSupportsCCA, Hungary, #DeMonetisationDisaster, #IStandWithArchanaSingh, #MannKiBaat, Sadhguru, #JNUHiddenTruth, #ISRO, #CongressFoundationDay, #IndiansAgainstCAB, #ISROSpotsVikram

Tweets across the timeline

Legend: # Tweets

Y-axis: # Tweets (0 to 180000)
X-axis: Dates

Dates: 2018-10-30, 2018-11-13, 2018-11-27, 2018-12-11, 2018-12-25, 2019-01-08, 2019-01-22, 2019-02-05, 2019-02-19, 2019-03-06, 2019-03-20, 2019-04-03, 2019-04-17, 2019-05-01, 2019-05-15, 2019-05-29, 2019-06-12, 2019-06-22, 2019-07-10, 2019-07-24, 2019-08-07, 2019-08-21, 2019-09-04, 2019-09-18, 2019-09-30, 2019-10-17, 2019-10-30, 2019-11-13, 2019-11-25, 2019-12-08, 2019-12-24

Tweets across the timeline

2018-11-02	18093
2018-11-03	17924
2018-11-04	15371
2018-11-05	13771
2018-11-06	13223
2018-11-07	23598
2018-11-08	23948
2018-11-09	11852
2018-11-10	11016
2018-11-11	7835
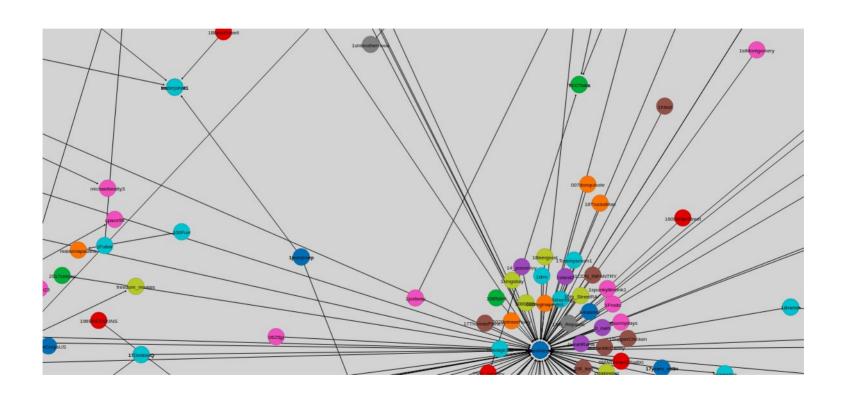
Tweets across topics

Topic	# Trending Days	# Tweets
#metoo	227	2063981
#Article370	32	218549
#RafaleDeal	5	89864
#MumbaiTerrorAttack	2	53846
#Budget2019	2	44197
ISIS	1	35817
#HowsTheJobs	1	35752
#AYODHYAVERDICT	6	34806

Dialog-example

Graph

Admin-layout

- Invokes
  - Navbar
  - Footer
  - Sidebar

Navbar

Cogno Web Observatory
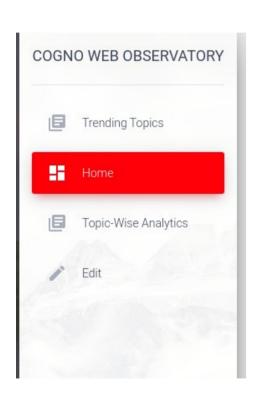
To characterize the dynamics of Online Social Cognition

Footer

sidebar

COGNO WEB OBSERVATORY

Trending Topics

Home

Topic-Wise Analytics

Edit

Login

LOGIN

Username:

Username

username is required

Password:

Password

password is required

LOG IN   REGISTER

Register

Ps : Update in UI required

REGISTER

Username:

Username

username is required

Alias:

Alias

alias name is required

Password:

Password

password is required

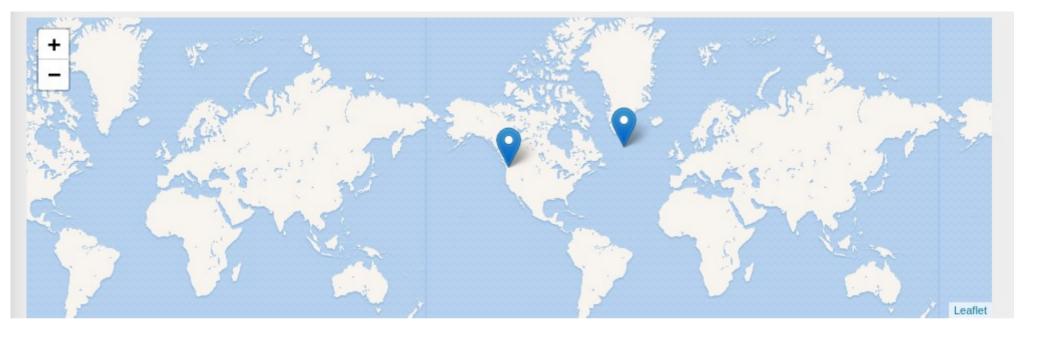**Email ID:**

Email-ID

email is required

REGISTER   CANCEL

Table List

Username	Likelihood	Tweets
50millionmissin	0.0134	• 1058907715236446208 • 1059278405391257600 • 1059278504263643136
		• 1059087746906685441 • 1059264990690115584 • 1058946684758228992 • 1059014047406927872 • 1059264553534607361 • 1059266263132921

Word Cloud for the driver's tweets:

police

metooin

city metoc

shame

gujarat accu

Leaflet is Javascript library for Interatice maps
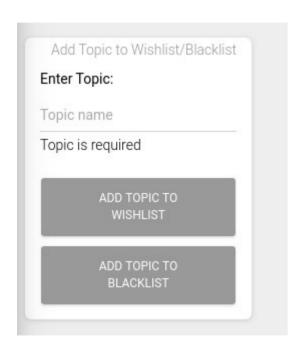
Currently Points shown are hardcoded

Tweets for the topics:

|				
coffeegrinder	m a feminist but I think that this third wave of feminism is a bore I think it paralyses men Pamela Anderson criticises the #MeToo movement warning women to use common sense @PamFoundation #60Mins https:tco6dUmvbueRu	👎	2018-11-05 03:04:33	375
LoveSoaps2026	@cwhiting57 @chrissyteigen How about #Vote for candidates who support: #GunControl #ClimateControl #FightFor15 #AffordableHealthcare #PreExistingConditions #SaveSocialSecurityMedica re #NoBanNoWall #BelieveWomen	👍	2018-11-05 03:04:25	0

Tweets and Sentiments across the timeline
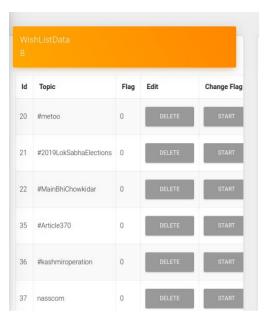
Distribution of sentiment

Dominant sentiment is :
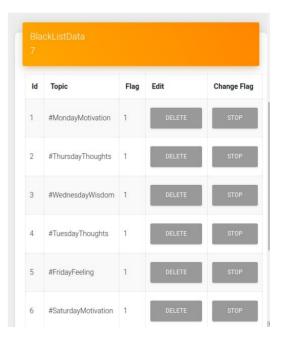
WishList

Invokes : Name Service for adding topic into wishlist or blacklist

WishListData
8

Id	Topic	Flag	Edit	Change Flag
20	#metoo	0	DELETE	START
21	#2019LokSabhaElections	0	DELETE	START
22	#MainBhiChowkidar	0	DELETE	START
35	#Article370	0	DELETE	START
36	#kashmiroperation	0	DELETE	START
37	nasscom	0	DELETE	START

Invokes : Update Service for changing flag and Delete Events

BlackListData
7

Id	Topic	Flag	Edit	Change Flag
1	#MondayMotivation	1	DELETE	STOP
2	#ThursdayThoughts	1	DELETE	STOP
3	#WednesdayWisdom	1	DELETE	STOP
4	#TuesdayThoughts	1	DELETE	STOP
5	#FridayFeeling	1	DELETE	STOP
6	#SaturdayMotivation	1	DELETE	STOP

Name Service

- Adding data to wishlist and retriving topics of wishlist

- Adding data to blacklist and retriving topics of blacklist

Customer Service

- Responsible for login and registry

- Communicate with auth.php, which serves as a server.

Update Service

- It is invoked when we delete some top from wishlist or blacklist or we change the flag value .

Task 3 – To Display Topic name

Showing results for topic : #RafaleDeal

Opinion drivers for the topic: (Count = 63)

SHOW RETWEET GRAPH

Word Cloud for the driver's tweets:

gandhi

Thanks

Kavish Agnihotri
MT2019052