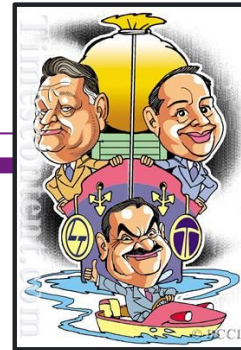
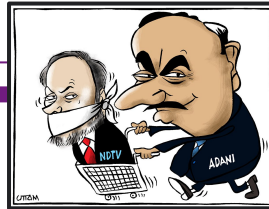




# The adani Controversy

## Twitter Network Analysis

Team: Aishwarya, Anushka, Rochan, Ruchi, Vishwak



# Agenda

1. Background
2. Data Description
3. Top Influencers supporting Adani
4. Top Influencers tweeting against Adani
5. ADANIENT Price Vs Tweet Counts
6. Network Graphs
7. Final Insights

# The Background

- Gautam Adani, one of India's richest men, is the founder of a massive conglomerate operating in a number of verticals
- On Jan 24, Hindenburg Research published a report accusing Adani Group of stock manipulation and accounting fraud



## Adani Group: How The World's 3rd Richest Man Is Pulling The Largest Con In Corporate History

Published on January 24, 2023

# The Fallout

- Since the report was released, Adani Group has lost \$100B+ in market value
- Adani's net worth dropped by \$64B+ over the past two weeks
- This scandal has brought both Adani denouncers and supporters to Twitter to voice their opinions



# Data Description

- Scraped ~19k tweets
- Used many trending hashtags like #StopAdani and #IndiaStandsWithAdani to scrape data

#AdaniScam  
#IndiaStandsWithAdani  
#Adani #IStandWithAdani  
#StopAdani

## Analysis Strategy

- Objective: Analyzing influencer networks *supporting vs opposing* Adani
- Identified hashtags in support vs against the matter and created two separate channels for analysis
- Detected influencers in the two networks on the basis of centrality measures and account engagement metrics

#AdaniScam  
#IndiaStandsWithAdani  
#Adani #IStandWithAdani  
#StopAdani

# Top influencers supporting Adani

username	degree	betweenness	closeness	listed_count	followers_count	retweets_sent	tweet_count	retweets_rec	score
StringReveals	0.627370	2.183910e-04	0.627544	8.783499	35.682271	0.170425	5.816393	42.584238	63.023548
SunjayJK	0.000358	0.000000e+00	0.000000	46.224306	0.874626	-0.627865	2.813161	-0.027566	44.241571
irajdeep	0.000179	0.000000e+00	0.000000	31.405629	4.853199	-0.228720	-0.190071	-0.027566	33.422521
Voice_For_India	0.144544	0.000000e+00	0.411656	7.719392	25.595947	-0.627865	1.311545	7.686970	33.115782
pvsbramanyam	0.000537	0.000000e+00	0.000179	16.941654	5.912371	-0.627865	1.311545	-0.017995	20.757303
prasanto	0.001431	0.000000e+00	0.001278	14.813440	3.270581	-0.627865	1.311545	0.029862	16.614578
RenukaJain6	0.000179	0.000000e+00	0.000000	8.152917	8.795952	-0.228720	-0.190071	-0.027566	14.818234
sanjay99000	0.000179	0.000000e+00	0.000000	13.591687	0.149253	-0.228720	-0.190071	-0.027566	12.819215
_dharam_vir	0.003757	5.761381e-07	0.003220	10.320543	3.278380	0.569569	1.311545	0.154290	12.695023
InnovativeHindu	0.000179	0.000000e+00	0.000000	12.921694	0.441598	-0.228720	-0.190071	-0.027566	12.430106
IamAjaySehrawat	0.000179	0.000000e+00	0.000000	2.438268	11.568749	-0.228720	-0.190071	-0.027566	11.728962
Chutkta	0.000358	0.000000e+00	0.000000	6.931165	6.158784	0.170425	-0.190071	-0.027566	11.576364
M4_VED	0.000179	0.000000e+00	0.000000	2.792970	10.354739	-0.228720	-0.190071	-0.027566	11.064129
AnkitPandeyIN	0.000179	0.000000e+00	0.000000	1.610629	10.958205	-0.228720	-0.190071	-0.027566	10.449456
memenist_	0.000179	0.000000e+00	0.000000	3.699432	7.726814	-0.228720	-0.190071	-0.027566	9.755251

## String

@StringReveals

Research Analysis BigExpose Spirituality Nation Sadhguru

## Rajdeep Chakraborty

@irajdeep

Occupation Vigilance ▲ Gemini, Mysterious Venator, Nationalist, Patriot १९  
Spiritual: Life Bound, Not Religious: Death Bound. ॐ नमो भगवते ॐ Never Say Die!™

## Renee Lynn

@Voice\_For\_India

Political Activist | Author | Founder ©Voice For India | Republican | Nationalist |  
India Icon Award | Speaker | Hindus/Indians for Trump

- @StringReveals is a very popular influencer with 250k Twitter followers who claims to 'expose the global nexus that works against India'
- Other top influencers actively promote Indian culture/Hinduism/the ruling party

# Top influencers tweeting against Adani

username	degree	betweeness	closeness	listed_count	followers_count	retweets_sent	tweet_count	retweets_rec	score
sagarikaghose	0.071102	0.0	0.070814	37.345120	64.820375	-0.961720	0.555406	15.290862	96.888139
pbhushan1	0.000148	0.0	0.000000	13.484690	36.815016	-0.146573	-0.188199	-0.033077	42.874926
ishtiaq787	0.349904	0.0	0.349249	-0.039835	-0.035780	-0.961720	0.555406	75.535288	42.504893
TheQuint	0.000148	0.0	0.000000	21.857532	11.895101	-0.146573	-0.188199	-0.033077	30.253767
sakshijoshii	0.000148	0.0	0.000000	6.955609	18.900175	-0.146573	-0.188199	-0.033077	22.012602
NextBillion	0.000295	0.0	0.000000	22.031062	1.587558	-0.961720	0.555406	-0.033077	21.851782
mid_day	0.000443	0.0	0.000148	11.521628	10.716162	-0.961720	4.273428	-0.001219	19.800268
mid_day	0.000443	0.0	0.000148	11.521628	10.716099	-0.961720	4.273428	-0.001219	19.800216
KayelMenner	0.000148	0.0	0.000000	20.588591	0.423211	-0.146573	-0.188199	-0.033077	19.630237
BobBrownFndn	0.008556	0.0	0.024967	16.543164	1.501279	-0.961720	5.017033	3.089056	18.753428
_sayema	0.000148	0.0	0.000000	3.951364	16.195124	-0.146573	-0.188199	-0.033077	16.966237

- The top 2 influencers are prominent personalities in their fields who are very vocal about national issues
- The Quint is a popular Indian journalism and political news website

## Sagarika Ghose

@sagarikaghose

Journalist, Columnist, Author: 'Indira, India's Most Powerful PM.' 'Vajpayee: India's Most Loved PM.' 'Why I Am A Liberal.' Two Novels. Instagram: ghose\_sagarika

## Prashant Bhushan

@pbhushan1

Public Interest Lawyer and Activist;

Do and say what is just fair and in public interest, regardless of immediate fallout

📍 New Delhi, India 📅 Joined January 2014

## Ishtiaq Khan

@ishtiaq787

A proud indian nationalist, A citizen of a country which always been plural, secular, Democratic, n being engendered on the basis of Constitutional Values.

## The Quint

@TheQuint

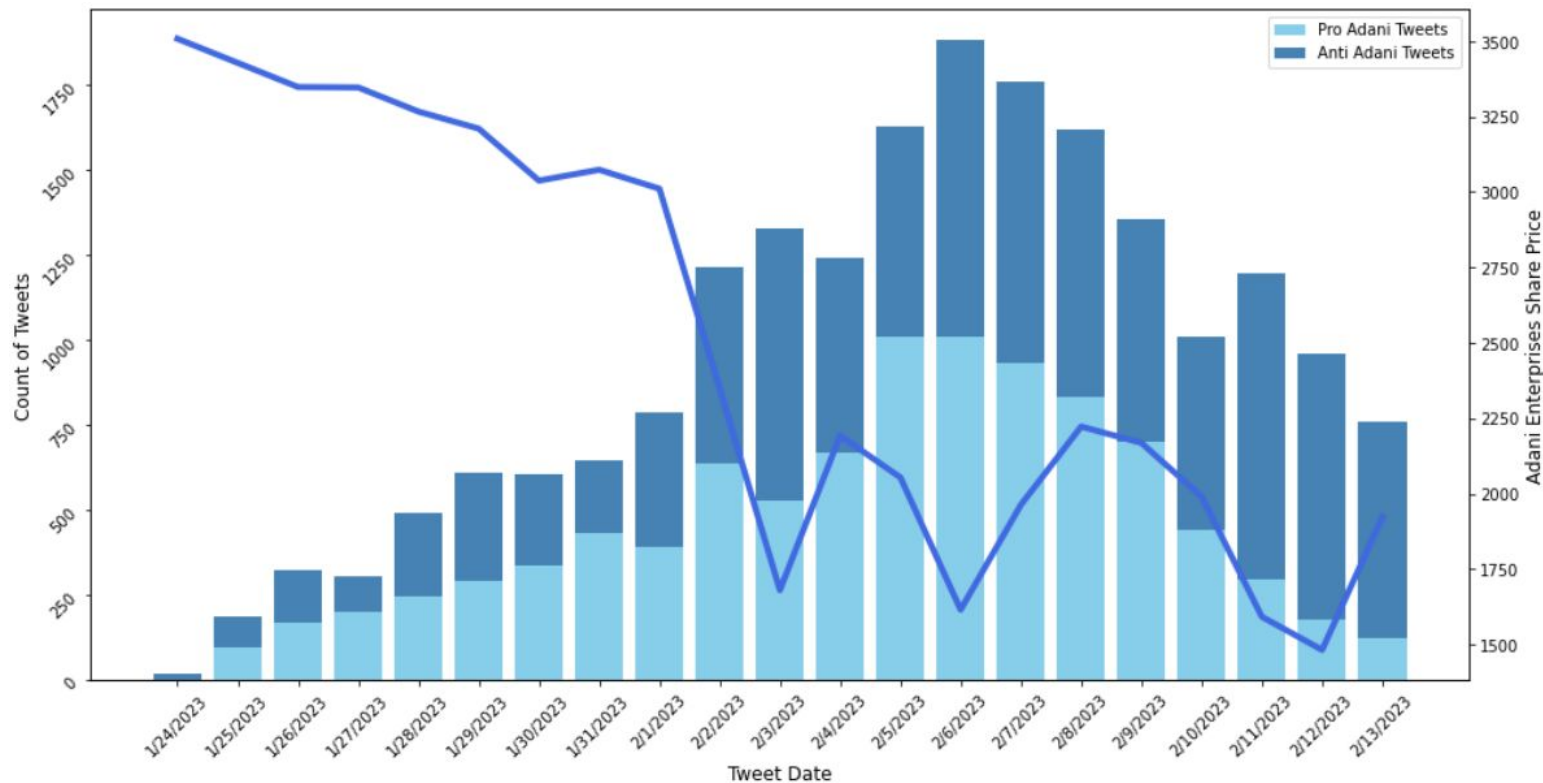
Mobile-first digital news platform. | SUPPORT OUR JOURNALISM:  
[thequint.com/plan-selection](https://thequint.com/plan-selection)

🌐 [thequint.com](https://thequint.com) 📅 Born March 16 📅 Joined January 2015

311 Following 761K Followers



# Analyzing Tweet Counts Vs Stock Price



# Adani Supporters

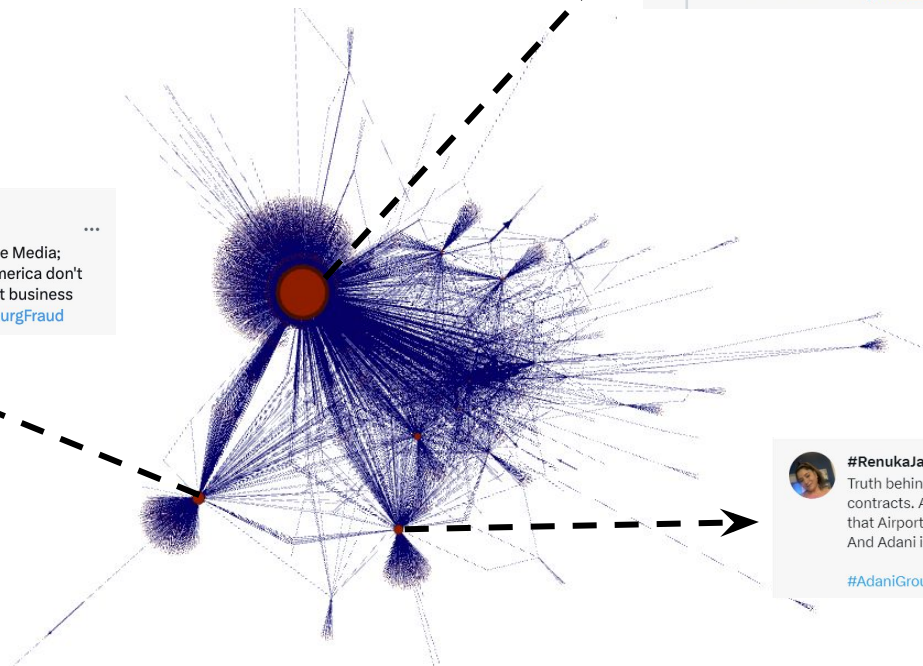
String Retweeted

**Renee Lynn** @Voice\_For\_India · Feb 5

I've been saying for years & wrote in one of my books that the Media; Indian & Western never tell the truth about India, but lies. America don't want you to see that Adani an Indian is one of the top richest business men. Great job @StringReveals #IStandwithAdani #HinderburgFraud

**String** @StringReveals · Feb 5

We have changed the narrative in just one day 🙏  
That's the power of Dharma 🇮🇳  
Thank you so much for your support 🙏  
Plz comment: #IStandwithAdani #HindunburgExposed  
More detail here: [youtu.be/JKVs90AOS1A](https://youtu.be/JKVs90AOS1A)

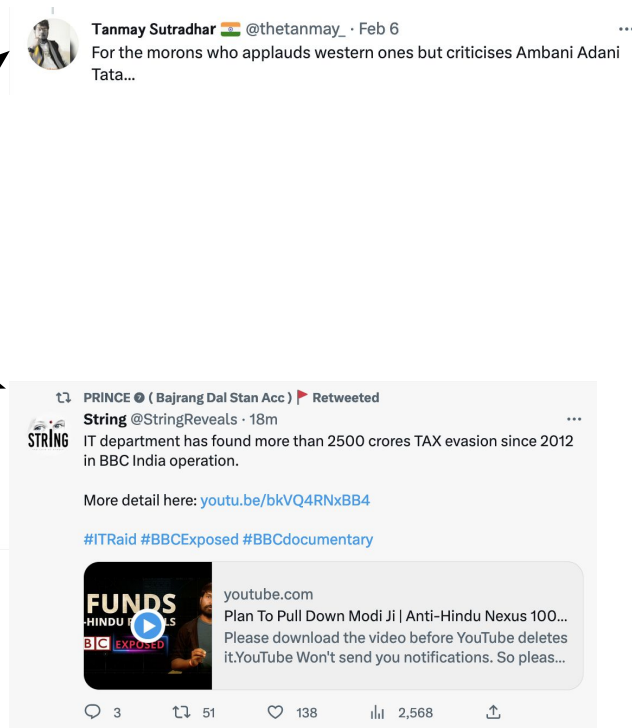
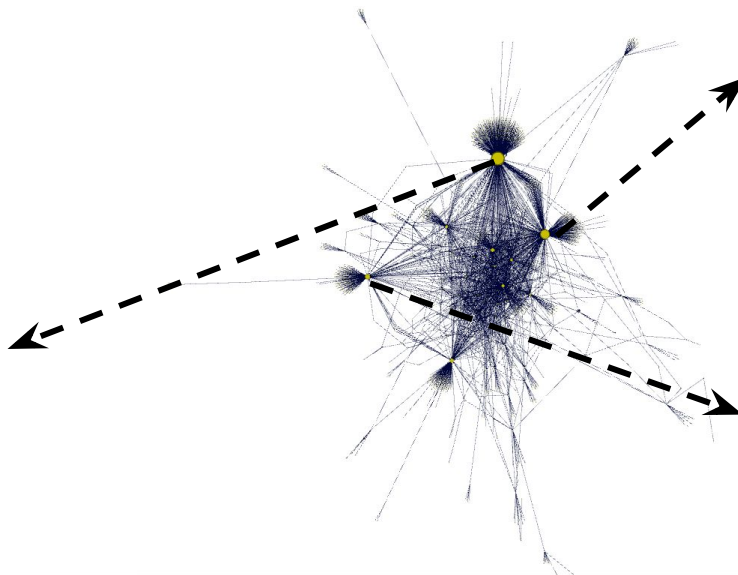


**#RenukaJain** @RenukaJain6 · 5 Feb


Truth behind Adani success. Opposition was the one who gave him big contracts. And those who feel he has made wealth must also understand that Airports, ports and infra has witnessed huge growth in last 8 years. And Adani is a big players

[#AdaniGroup](#) we are with you.

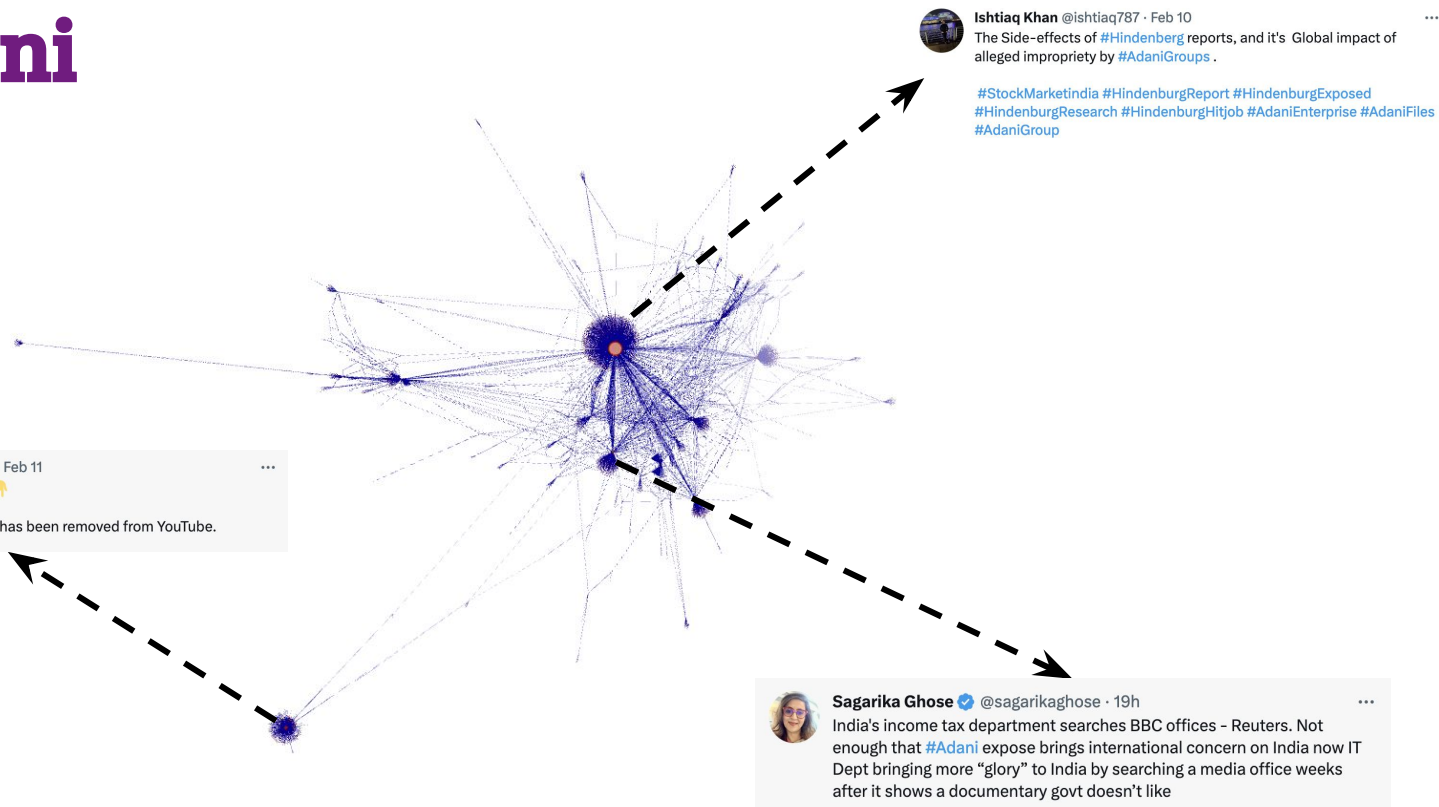
# Adani Supporters excluding top 30 influencers



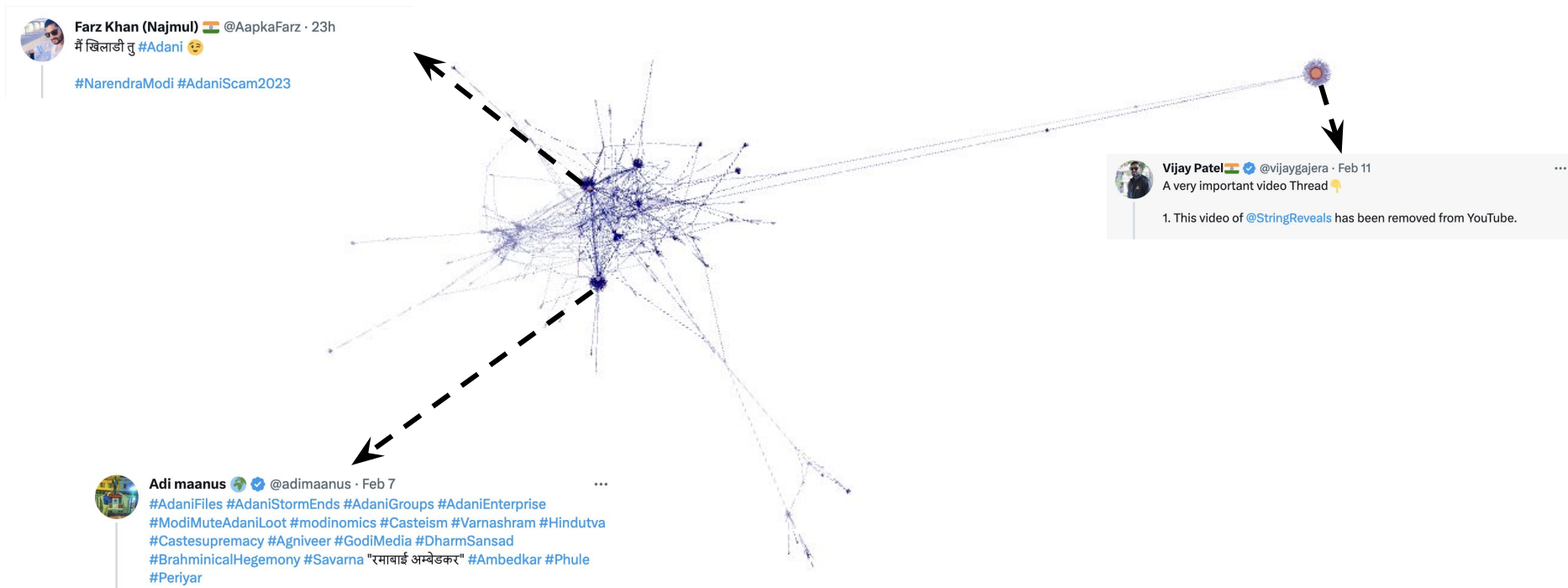
# Anti Adani

 **Vijay Patel** 🇮🇳 @vijaygajera · Feb 11  
A very important video Thread 🗨️

1. This video of @StringReveals has been removed from YouTube.



# Anti Adani without top 30 influencers



# Insights

- Magnitude of degree centrality for top influencers among Adani supporters is higher than Anti-Adani's top influencers
- Anti-Adani supporters are less interconnected than pro Adani supporters
- Adani supporters tend to proclaim themselves as right-leaning
- Adani denouncers tend to be liberals, proud patriots and opposition of PM Modi's party, BJP

**Thank you!**