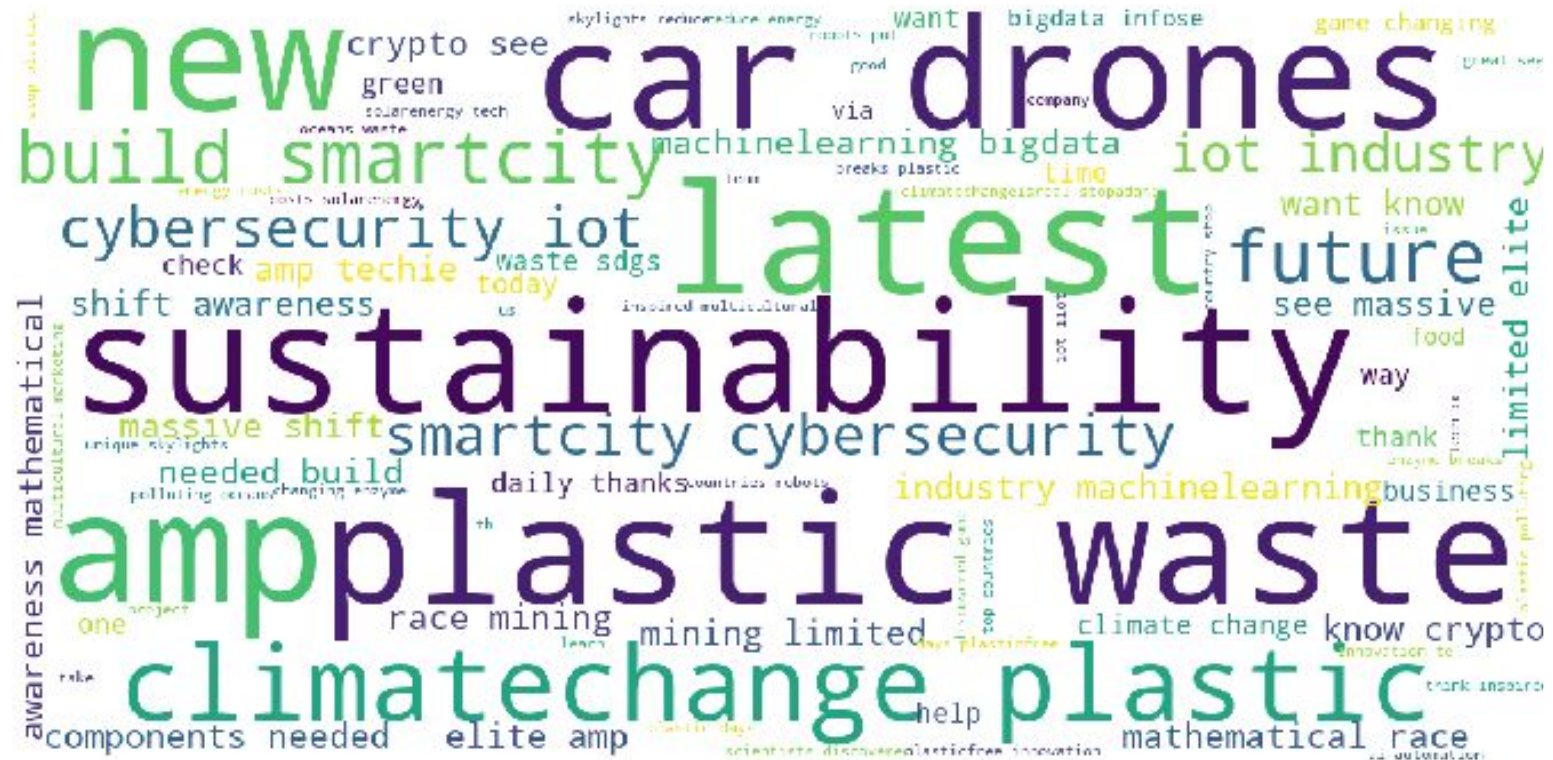


Exploring Sustainability with Natural Language Processing



What are people Tweeting about today?

What are people Tweeting about today?

Lego unveils sustainable bricks made from sugarcane as brand continues eco overhaul GREAT to see more and more bran...

<https://t.co/LCoDMU41Gv>

RT @evankirstel: This 5-foot robotic snake is designed to find the source of pollution in contaminated water #robotics
#EnvironmentProtecti...

RT @globalSDGawards: #Seattle just became the first major #American city to ban #plastic straws and utensils! Amazing!
This marks a major m...

RT @SustConsult: .@adidas has committed to using only recycled plastic by 2024 ♻️
this would save about 40 tons of #plastics per year https...

RT @psb_dc: Encouraging :)
AI identifies heat-resistant coral reefs in Indonesia
#Sustainability #climatechange #AI #techforgood @guard...

What are people Tweeting about today?

Top 20 Trending Hashtags:

<u>Frequency</u>	<u>Hashtag</u>		
		166	#drones
1894	#sustainability	162	#SDGs
1816	#Sustainability	152	#tech
318	#plastic	148	#SmartCity
283	#climatechange	146	#job
263	#IOT	143	#ICO
229	#environment	142	#Industry40
219	#waste	141	#airdrop
212	#energy	141	#BigData
208	#Green	141	#Mining
179	#innovation		

Clusters

Plastic Eating Enzyme

Smart Cities

Green Businesses

Renewable Energy

Economic Sustainability

Sustainable Communities

Daily Sustainability

Robotics & Sustainability

Sustainable Cryptocurrency

Drones & Sustainability

Energy Efficiency

Environmental Impact

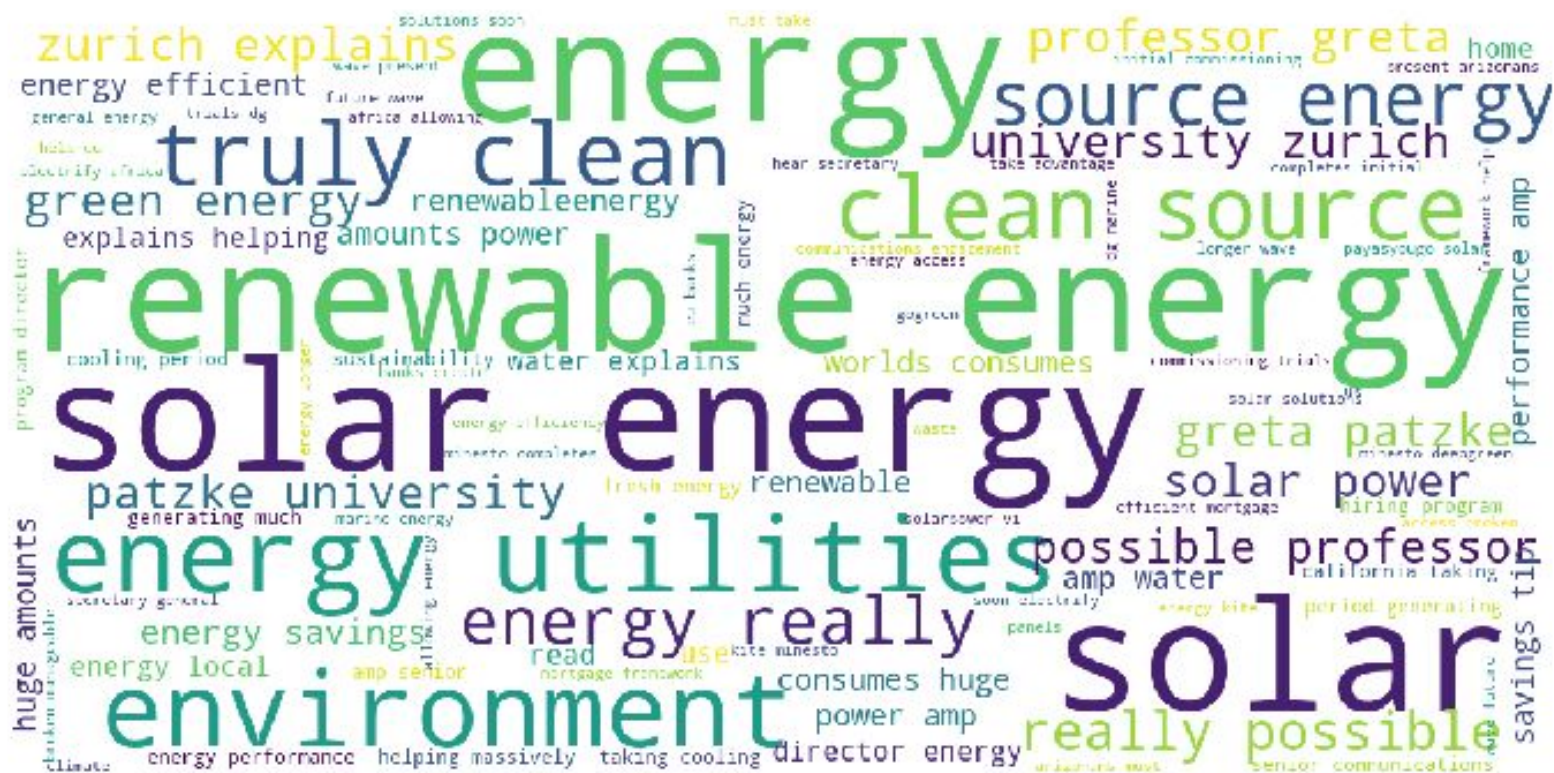
Future of Sustainability

Corporate Social Responsibility

Climate Change

Solar Energy

Renewable Energy



Renewable Energy - Example

Tweet: 415

Polarity: -0.08

Subjectivity: 0.27

Companies often view sustainability and energy management as two separate or loosely connected efforts. But to trul...

<https://t.co/ENMaXBkoDK>

Cluster Name: Renewable Energy

Cluster Polarity: 0.14

Cluster Subjectivity: 0.33

--- Results ---

RT @EMF_ECBC: Hear from our Secretary General, @Luca_Bertalot how the **energy efficient** mortgage #framework can help #EU banks to create a n...

RT @Farm_wall: When we look at aerial images of any city center, we can quickly spot plenty of unused space – the rooftops. When a rooftop...

Kazang Solar Bags \$1.6 Million to Provide Off-Grid **#Solar Solutions** in #Zambia <https://t.co/UOH3fgSylo> **#solarpower**... <https://t.co/zbhyPXZHTq>

RT @DuflotValeria: 🇪🇺 This A/C unit doesn't use **electricity** — and cools better than yours #Sustainability v/ @nowthisnews HT @evankirstel...

RT @jblefevre60: This **solar-powered** weeding #Robot offers more sustainable use of herbicides. #Sustainability #agtech @evankirstel @teren...

Renewable Energy?

--- Results ---

RT @kashthefuturist: What is your #country doing to stop #plastic #polluting the #oceans? #Sustainability #waste #CircularEconomy @seasav...

RT @benevity: Plant the seeds for a grassroots, employee-centered environmental movement in your company! 📖 Download our guide to learn how....

RT @xfxie: Work on #bikesharing #DataAnalytics and implications for #datadriven decision supports appears on Journal of Transport Geography...

Both political parties are moving in the wrong direction... we need progression from both sides! Common folks!...
<https://t.co/vCpwhLx3u>

RT @atando2: ☐ amazing work by @massimobottura ☐ (3 Michelin Stars, #1 Restaurant, 1 Huge Heart) Inspiring perspective on #foodwaste #foodsca...

Renewable Energy?

--- Results ---

RT @kashthefuturist: What is your #country doing to stop #plastic #polluting the #oceans? #Sustainability #waste #CircularEconomy @seasav...

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Green Businesses

Tweet: 2675

Polarity: 0.0

Subjectivity: 0.0

RT @cbrands: The #environment is critical to our long-term success as a **business** and to the wellbeing of our communities. We're always look...

Cluster Name: Green Businesses

Cluster Polarity: 0.16

Cluster Subjectivity: 0.34

--- Results ---

RT @domhalps: By 2025 **data centers** are predicted to consume 20% of the world's energy, making #digitization's impact on the environment uns...

RT @BFNagy: **Adidas** has sold 1 million pairs of sneakers made from ocean trash.

RT @comcast: We're committed to creating a green future. @Sjindavis, our **Chief #Sustainability Officer**, has challenged us to start working...

Great interview with **InOrbis CEO/Founder** @rcfortugno:
<https://t.co/AjqzLH3CdD> #cars #electricvehicle... <https://t.co/FyvLKUX2Tj>

Coaching not only helps generate better solutions but encourages **organisations** to take ownership for their work....
<https://t.co/gEGammUwgm>

Green Businesses?

--- Results ---

RT @GreenHashes: Want to know why in 2018 Crypto will see massive shift in awareness? Mathematical Race of Mining limited to Elite & Techie...

No bees, no pollination, no crops, and eventually no more humans. #sustainability #savethebees

London laces up to become world's most 'walkable' city <https://t.co/LrDzlxH71B> #sustainability

RT @HaroldSinnott: What Components are needed to build a #SmartCity?

RT @Damien_CABADI: Should your country get hydrogen trains? ☐

.@CocaCola plays its part in plastics fight with 'reverse' vending machines This is great! We need to see more...
<https://t.co/GJWmv9mTJk>

Green Businesses?

--- Results ---

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.@CocaCola plays its part in **plastics** fight with 'reverse' vending machines This is great! We need to see more...
<https://t.co/GJWmv9mTJk>

Plastic Eating Enzyme - Example

Tweet: 550

Polarity: -0.25

Subjectivity: 0.26

RT @DuflotValeria: Scientists discovered a game changing enzyme that breaks down #plastic in a few days. 🐼🐼🐼

#plasticfree #innovation #te...

Cluster Name: Plastic Eating Enzyme

Cluster Polarity: 0.36

Cluster Subjectivity: 0.5

--- Results ---

@DowChemical #Receives #Sustainability #Award for #Patented #Polymer #Polyol <https://t.co/4j0D6bs2fg> <https://t.co/shGU6wsRya>

ah.. thats all well and good .. but what the hell evolves to eat plastic in the first place .. and how long before... <https://t.co/VQVFhqXsi9>

RT @Equiltweet: Very much looking forward to this year's Environmental Film Festival and a compelling program of films @EFFA_AUS Details: h...

RT @kashthefuturist: What is your #country doing to stop #plastic #polluting the #oceans? #Sustainability #waste #CircularEconomy

Woah. Game changer.

#Science #plasticpollution #TuesdayMorning

Climate Change



Thank You

Share if you Agree:

100% Clean is POSSIBLE!!!

RT @Veganella_: Make today the day you do something great! 🙌👍

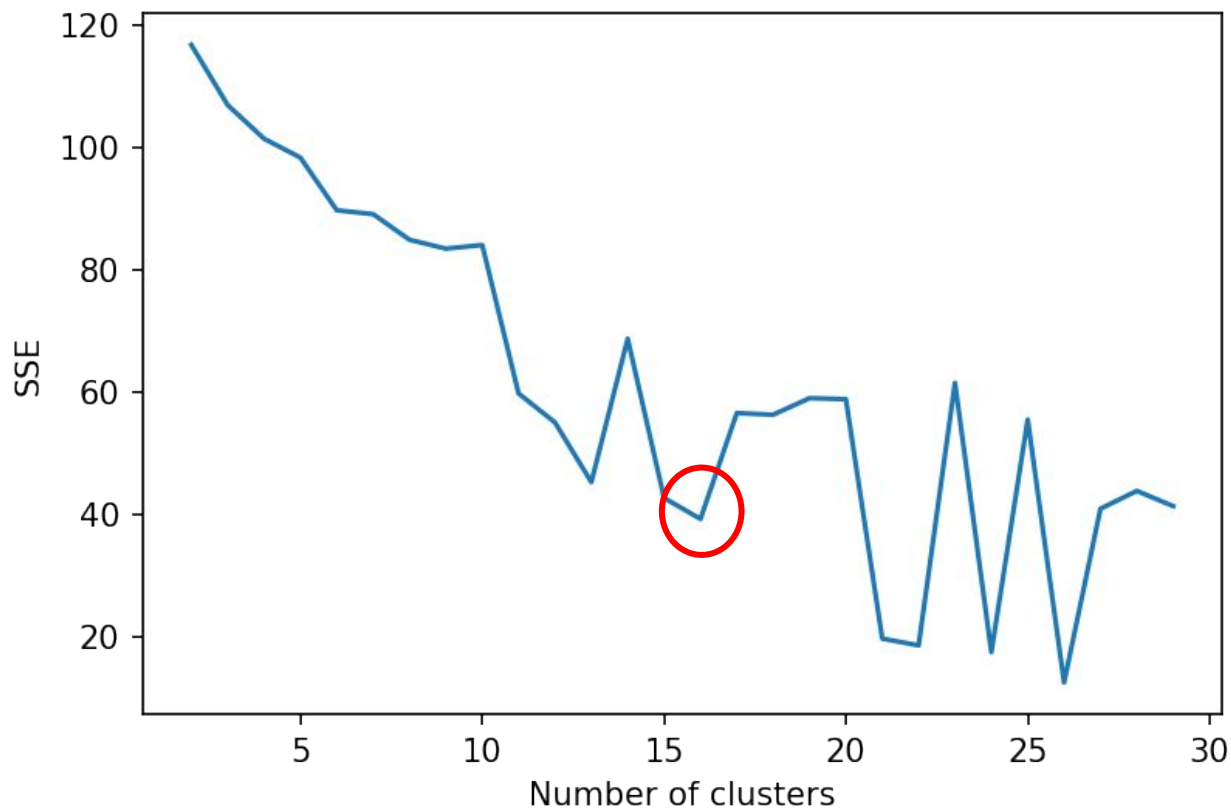
For the animals 🐣🐷🐮🐾🐟🐠

For the planet 🌱♻️🌿💚

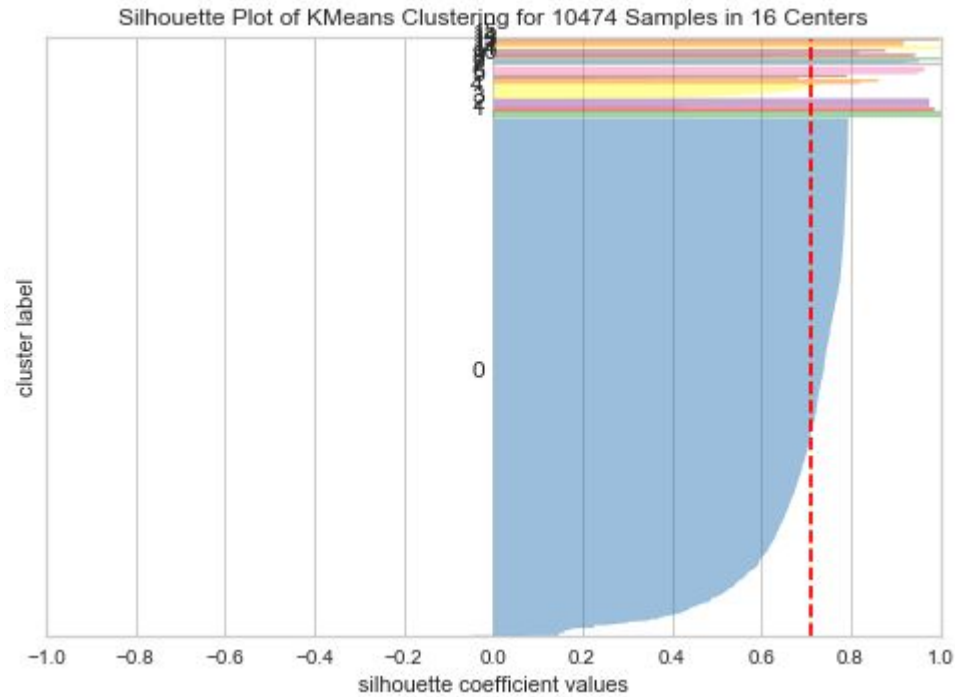
For yourself 🙏🧘🏻💖🍏🍷👩🏻✓...

Appendix

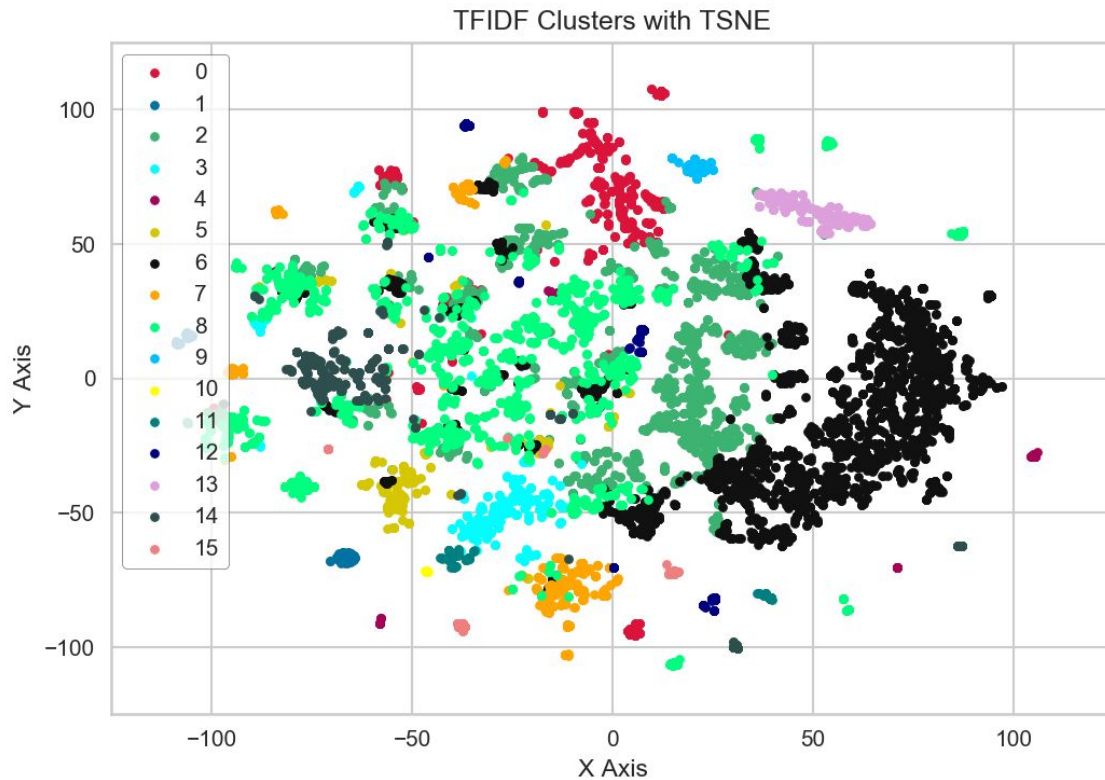
KMeans Cluster Analysis



KMeans Silhouette Score



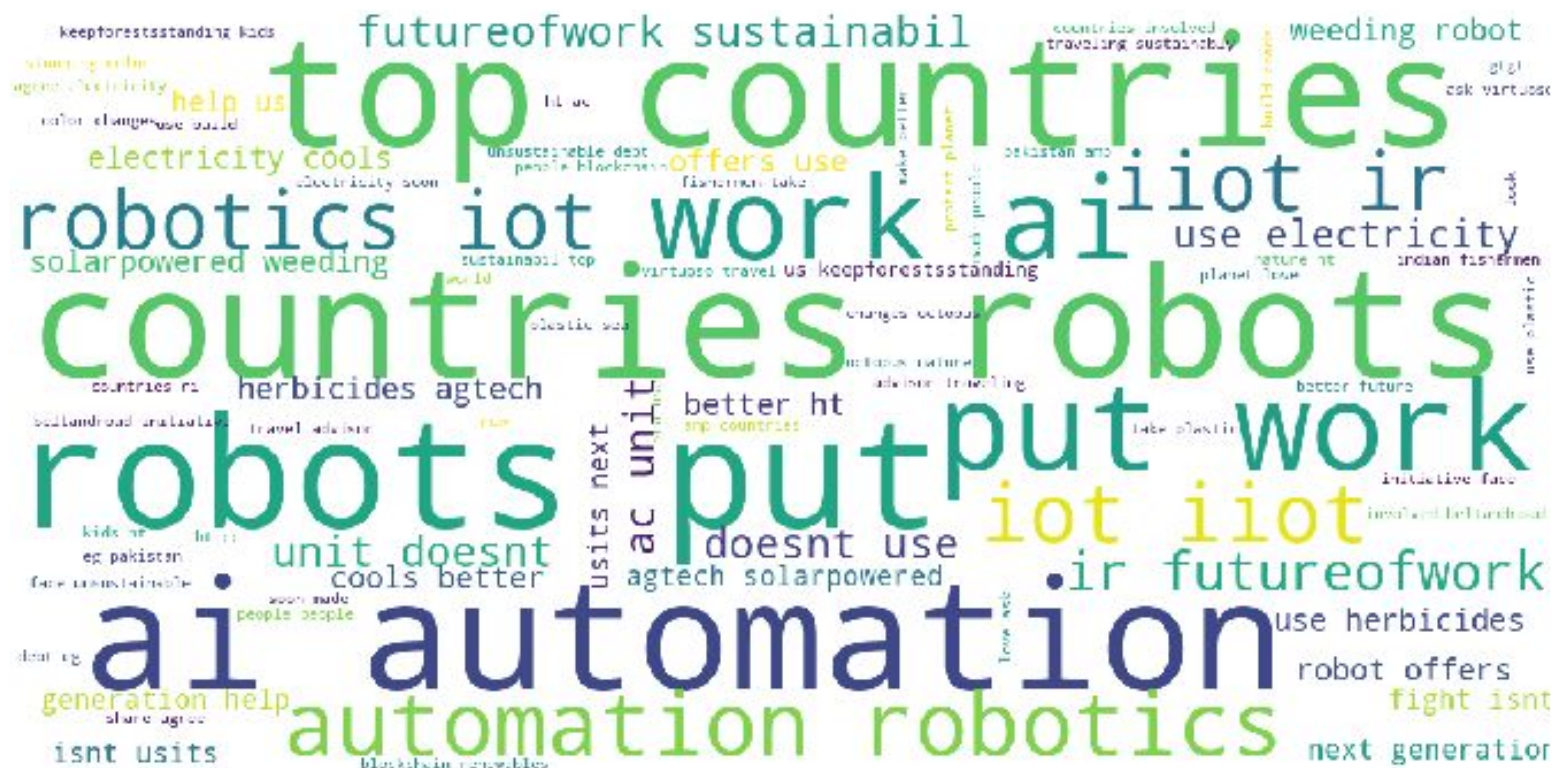
Visualizing Clusters



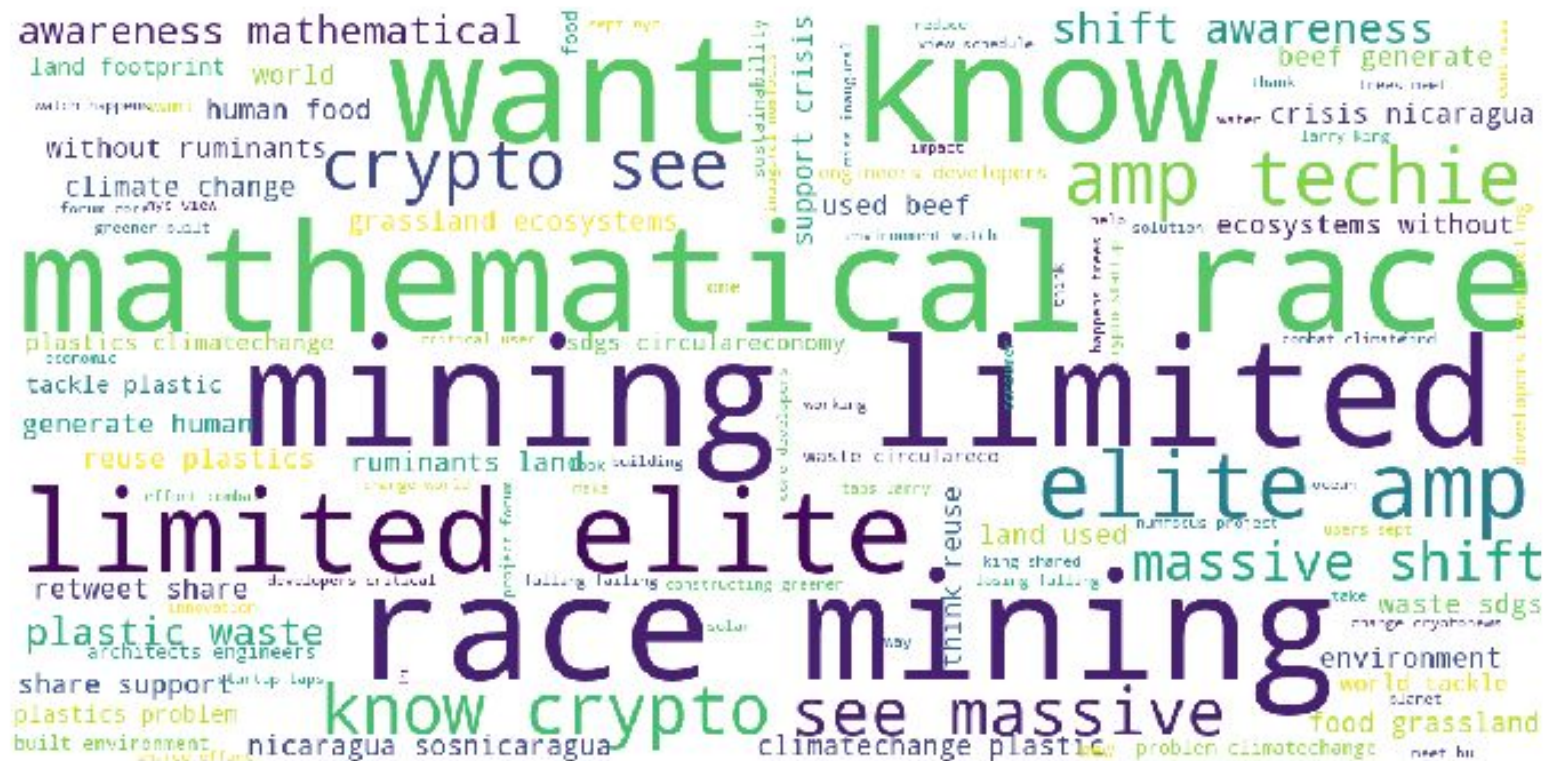
Smart Cities

build smartcity
components needed
bigdata infosec
smartcity cybersecurity
iot industry needed build
industry machinelearning
infosec components mm machinelearning bigdata
cybersecurity iot mac
bigdata infosec infosec components
haroldsmott

Robotics & Sustainability



Sustainable Cryptocurrency



Drones & Sustainability

car drones top
flyingcar drone drones
drones' drones car
rin navigation
story sustainability
credit rin

Energy Efficiency



A word cloud visualization featuring various terms related to energy efficiency and building management. The words are arranged in a non-uniform, overlapping manner. The colors used are green and purple. The words include:

- webinar
- maximizing
- building portfolio
- pm
- maximizing energy
- efficiency building
- portfolio august
- pm' webinar
- energy efficiency
- august pm'

Climate Change



Solar Energy

