#AgriTech

A μ report

Machine Generated Insights

AgTech, AgriTech is "Agriculture Technology"

AgriTech
What is being discussed?

- **Start-ups, innovations & funding driving conversations**
- **Technologies top of mind... AI, IoT Blockchain. Robotics, Drones, Vertical farming, PrecisionAg etc**
- **Intersection with fintech, healthtech, biotech, cleantech etc**
- **India & Africa key regions explicitly discussed**
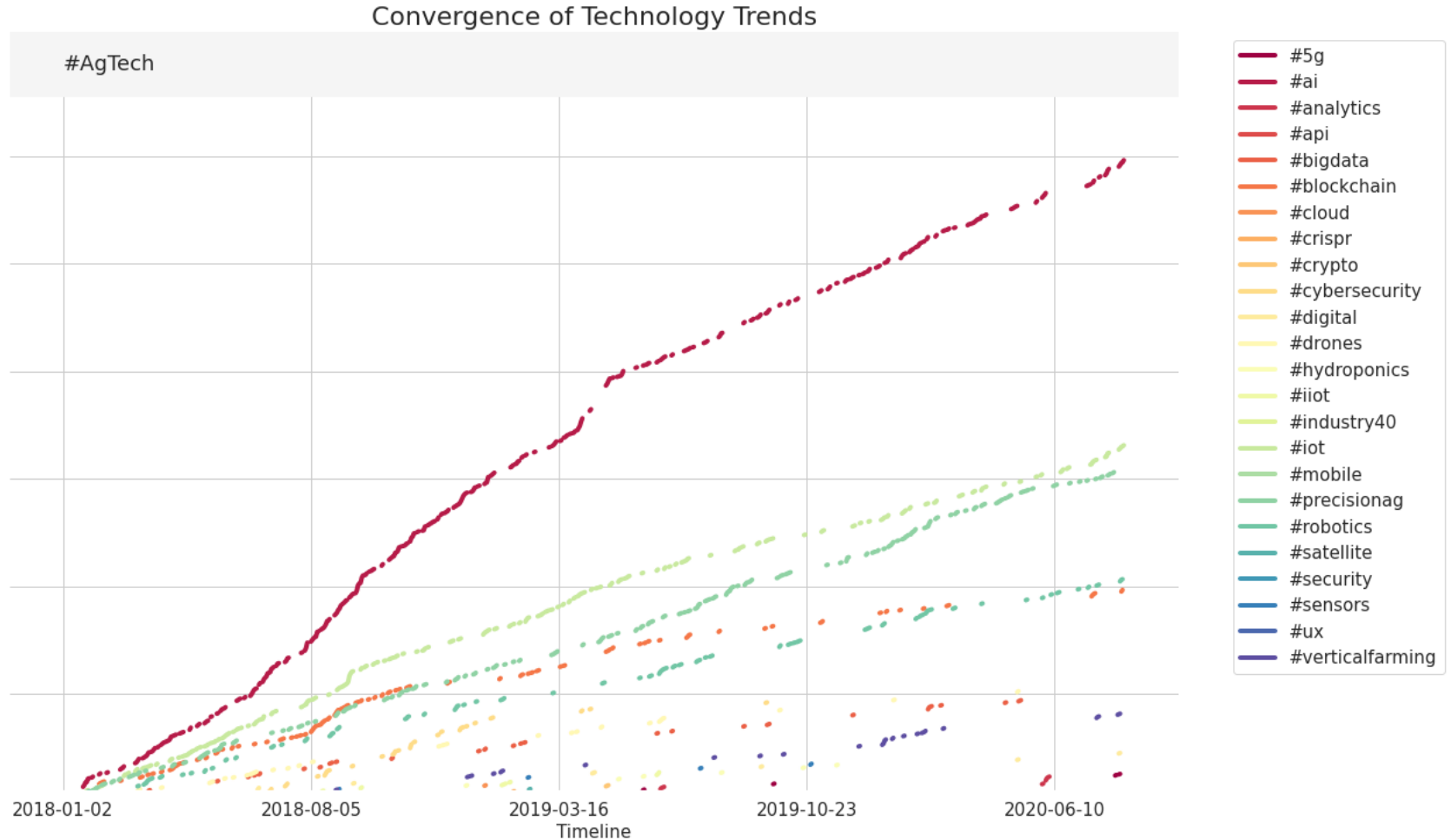- **Security... both of food and data conversed**

Topics of conversation

#startup (1427)	#foodtech (1191)	#farming (1041)
	#iot (662)	#precisionag (613)	#fintech (490)

#innovation (1403)

#robotics (413) — #funding (303) / #farm (286) / #sustainability (284)

#blockchain (394) — #healthtech (247) / #livestock (203) / #bigdata (192) / #data (192)

#cybersecurity (187) / #africa (171) / #roboadvisor (169)

#drones (212) — #smartfarming (182) / #verticalfarming (163) / #biotech (156)

#ai (1192)

#food (382) — #foodsecurity (207) / #india (178) / #cleantech (158) / #precisionag (121) / #climatechange (121)

Note: Only Top 25 shown

Source: 10s of 1000s of conversations

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AgriTech
What Technologies are driving?

- **AI the main focus**
- **IoT & Precision Agriculture has gained traction**
- **Robotics & Drones finding momentum**
- **Blockchain strong start but stuttering**
- **Rest trending in short bursts... 5G, hydroponics, vertical farming etc**

Convergence of Technology Trends

#AgTech

Legend:
- #5g
- #ai
- #analytics
- #api
- #bigdata
- #blockchain
- #cloud
- #crispr
- #crypto
- #cybersecurity
- #digital
- #drones
- #hydroponics
- #iiot
- #industry40
- #iot
- #mobile
- #precisionag
- #robotics
- #satellite
- #security
- #sensors
- #ux
- #verticalfarming

Timeline: 2018-01-02, 2018-08-05, 2019-03-16, 2019-10-23, 2020-06-10

Source: 10s of 1000s of conversations

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AgriTech
What are some use cases?

Robotics

"Teach Giant #Robots to **Grow Our Food**"

"This **autonomous** robot from Japanese #agritech start-up Inaho selectively **harvests** ripe vegetables"

"This #robot uses #AI to **harvest** bell peppers and save humans from backbreaking #work"

"The supermarket will use **autonomous farming** robots to **analyse, plant and protect crops from weeds** at a farm near Stockbridge, Hampshire."

IoT

"Connected farmers will rely on #drones and **soil sensors**, boosted by #5G connectivity for precision agriculture"

"From **crop sensors** to **'smart' tagging of livestock**, #agtech continues to innovate and help farmers"

"Bring on internet of things and **silo/grain monitoring** from your cell phone"

"New forms of technology like **virtual fencing** are coming to the ranching sector in British Columbia"

"From operations & **weather monitoring** to **pest management** & **food spoilage prevention**, #IoT solutions are revolutionizing #farming"

AI

"**self-driving** tractors, #AI , and #precisionagriculture will save us from the impending food crisis"

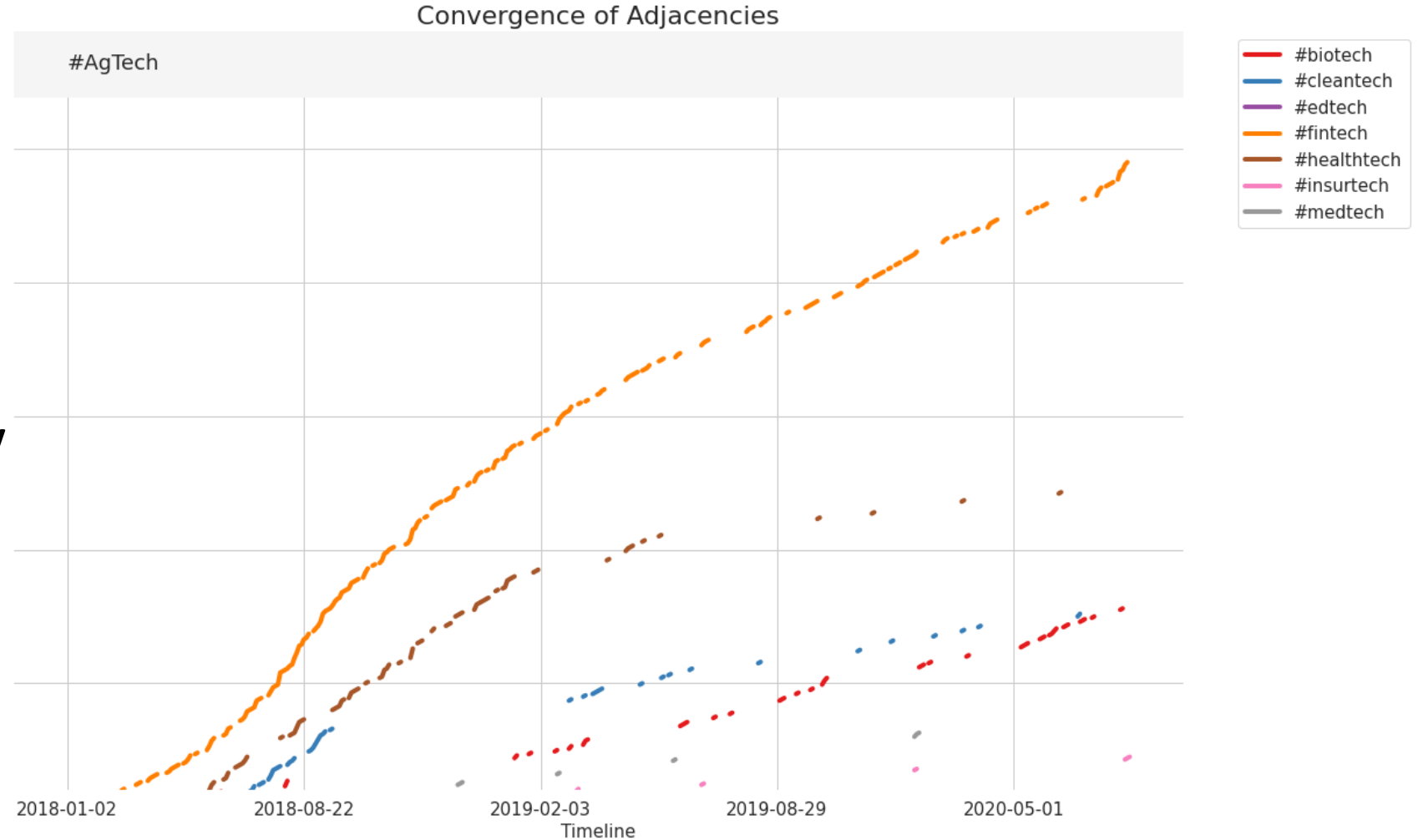"An #autonomous #robot help farmers **pick veggies** from greenhouses"

"Taranis uses #AI to analyze images taken from low-flying light aircrafts & drones to **detect crop pest infestation & disease**"

"How to **produce optimum results** from a grape harvest?"

"Intello Labs, an #agritech startup that uses #AI to enable **quality control** of agricultural products"

Note: Only few use cases extracted

decode'm.ai
A robo-research firm

Source: 10s of 1000s of conversations

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As of 13th Aug 2020

AgriTech
What Adjacencies are intersecting?

- **Fintech dominates via financing solutions etc**
- **Health & Medtech increasingly converging**
- **Cleantech conversations increasing around climate change, circular economy & sustainability**
- **Biotech key influencer while others trend in spurts**

Convergence of Adjacencies

#AgTech

Legend:
- #biotech
- #cleantech
- #edtech
- #fintech
- #healthtech
- #insurtech
- #medtech

Timeline: 2018-01-02, 2018-08-22, 2019-02-03, 2019-08-29, 2020-05-01

Source: 10s of 1000s of conversations

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AgriTech
What does the machine suggest next?

- Follow specific "ag economy" & "ag law" conversations
- Understand specific companies building livestock marketplaces (livestock247), IoT sensors (glasdata), farming equipment (johndeere), irrigation, drone based seeding, farm crowding
- Follow specific advances like in biochar, insight engines (truterra) & digital
- Understand work done in accelerators like AgriTechCatalyst and geographies of Nigeria, Australia
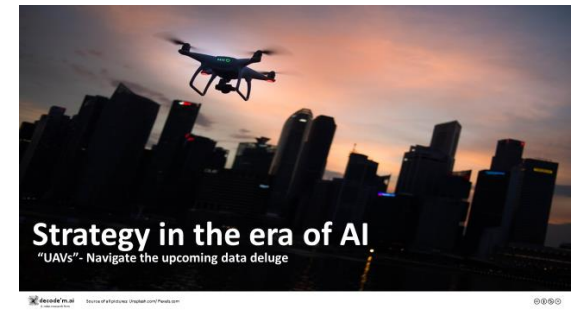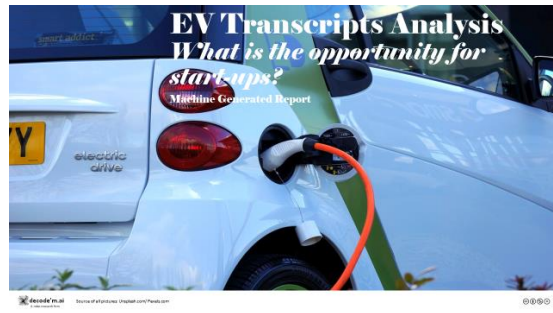- Increase focus on intersection with cleantech and healthtech

Note: Only few suggestions displayed

Source: 10s of 1000s of conversations

Machine Generated Insights

As of 13th Aug 2020

The **Future** Of
Insights is here...

Food – Desserts
Machine Generated Sector Report

Dubai Tourism
Insights from tourist internet footprint
Machine Generated Insights

Nepal Tourism
Insights from tourist internet footprint
Machine Generated Insights

AI in Media & Entertainment
Machine Generated Sector Report

Chiller Technology Assessment
AI + Code Generated Landscape

EV Transcripts Analysis
What is the opportunity for start-ups?
Machine Generated Report

Mobile Phones
Insight possibilities from customer internet footprint
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Strategy in the era of AI
"UAVs"- Navigate the upcoming data deluge

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