

INSIGHTS BY INFOMATRIX

An IT Club Initiative

VOL.1 #ISSUE 4

NEWSLETTER



[infomatrix \(IT Club\)](#)



[theinfomatrix_club](#)

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THANKU YOU

FROM THE DESK OF EDITOR-IN-CHIEF

Hey Readers!

Prepare to be whisked away to the fields of the future! The fourth issue of Insights by Infomatrix is here, and it's brimming with AgriTech wonders.

Imagine drones soaring above emerald fields, whispering secrets of the soil to farmers. Picture sensors humming, a symphony of data painting a portrait of each plant's unique needs. And envision a blockchain tapestry, weaving trust and transparency into the very fabric of our food system.

This issue is your guide to this thrilling new era:

- * **Current Happenings:** The latest buzz in AgriTech – from groundbreaking tech to policy shifts that are sowing the seeds of change.
- * **Case Studies:** Real-life heroes showcasing how AgriTech is transforming the way we grow, nourish, and sustain our planet.
- * **Feature Articles:** Deep dives into the heart of organic farming, the circular economy, and the magic of management – the key to unlocking the full potential of these incredible innovations.
- * **Interactive Quiz:** Put your AgriTech knowledge to the test and discover some surprising facts along the way.

But this isn't just about technology. It's about empowering every farmer, big or small, with the tools to thrive. Let's build a future where every bite tells a story of sustainability and innovation.

So, grab a snack, settle in, and let your imagination bloom.

Happy Reading & Let's Cultivate a Brighter Tomorrow!





CURRENT HAPPENINGS



IT NEWS



Banks to utilize AI & Machine learning to protect clients from Financial frauds: Division of Monetary Services

The Department of Financial Services (DFS) has urged banks to adopt advanced technologies, including Artificial Intelligence (AI) and Machine Learning (ML), to protect customers and their funds from digital financial fraud. The decision was made during a high-level meeting attended by representatives from the Reserve Bank of India, public sector, private, and payment banks. The DFS emphasized the need for proactive measures to protect customers' money and recommended exploring MuleHunter.AI, an AI/ML-powered solution developed by the RBI. The initiative aligns with the government's mission to enhance the financial ecosystem's security and maintain public trust in digital banking.



India must improve air logistics for electronics and telecom manufacturing, says Ajai Chowdhry

India needs to improve its inward and outward logistics to become a leading electronics & semiconductor manufacturing nation, according to Mr. Ajai Chowdhry, Founder of the Electronics Products Innovation Consortium and Co-Founder of HCL. He argues that the country needs to import components from 5-6 different countries quickly and frictionlessly to improve business efficiency. Chowdhry also highlights the need for air logistics to improve electronics and telecom manufacturing in India. He suggests building warehouses in key locations like Noida, Chennai, Bengaluru, and Hyderabad.



Baba Ramdev getting into IT business? Patanjali's Rolta bid sparks buzz

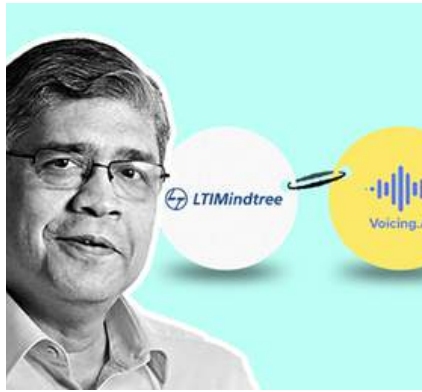
Patanjali Ayurved has shown interest in acquiring the financially troubled technology firm Rolta India, presenting a cash offer of Rs 830 crore. This comes shortly after Ashdan Properties emerged as the highest bidder for Rolta. To facilitate this, Patanjali has approached the National Company Law Tribunal (NCLT) for consideration of its bid, which is pending approval from a review panel. Rolta, a defense-oriented software company, entered the bankruptcy process in January 2023, with substantial debts amounting to Rs 7,100 crore to Union Bank of India and Rs 6,699 crore to foreign bondholders, headed by Citigroup. The company has a history of financial distress dating back to 2016, with a significant loss of Rs 1,000 crore reported in the 2022 fiscal year. Notably, Rolta's real estate assets in Mumbai and its IT infrastructure may appeal to potential bidders, as Patanjali aims to bolster its plans for a home delivery application.





LTTTS bags \$50 million deal from US telecom operator

L&T Technology Services (LTTTS) has secured a \$50 million deal from North American telecommunications provider, Verizon, to provide product integration services and secure LTE and 5G private networks across industries. The multi-year agreement will help LTTTS boost its telecom segment by leveraging AI and automation. The partnership will address market demands and position LTTTS for upcoming 5G advancements under 3GPP standards. LTTTS will integrate a GLOCAL services model with automation and AI-driven frameworks to deliver value and reliability to telecom customers.



LTIMindtree to invest \$6 million in Voicing.AI startup

LTIMindtree USA has announced a strategic investment in US-based Voicing.AI, a company that provides artificial intelligence (AI) for human-like voice capabilities across over 20 languages. The investment, which will be made within a week of signing the definitive agreement, aims to redefine how businesses interact with customers through intelligent automation and AI. LTIMindtree will integrate Voicing.AI with custom tools, knowledge bases, CRM systems, and call management platforms, compliant with SOC2, HIPAA, and multi-layered data security protocols.



Wipro promotes insider Omkar Nisal to head Europe unit

Wipro Ltd has appointed Omkar Nisal as the new CEO of its Europe business, a move that comes amid the company's efforts to revive its European market. Europe is Wipro's second-largest market after the US, but it has been underperforming in recent years. In the quarter ending September 2024, Wipro's Europe operations accounted for 27.9% (\$742 million) of its \$2.66 billion revenue, down from 28.4% (\$631 million) in the January-March 2021 quarter. The compounded quarterly dollar revenue growth for Wipro's Europe business stood at 1.16% between March 2021 and September 2024, compared to the company's overall growth of 1.3%. Shares of Wipro rose 7.18% on Tuesday following Nisal's appointment.



Agri-Tech News



BARC launches high-yield, climate-resilient varieties of wheat, rice....

The Bhabha Atomic Research Centre (BARC) has introduced eight new high-yielding, climate-resilient varieties of wheat, rice, and oilseeds in collaboration with state agricultural universities. These non-GMO crop varieties are expected to revolutionize agriculture across India, offering early maturity, disease resistance, climate resilience, salt tolerance, and higher yields. The new crop varieties are designed to cater to diverse agricultural conditions and address rising temperatures, enhancing farmer incomes and food and nutritional security.



RBI to introduce new benchmark SORR based on secured money markets

The Reserve Bank of India (RBI) has proposed a new benchmark for the interest rate derivatives market based on secured money markets. The Secured Overnight Rupee Rate (SORR) will be developed with the support of Financial Benchmarks India Limited (FBIL). The move is expected to enhance transparency in benchmark-setting and align with global best practices, such as the Secured Overnight Financing Rate (SOFR). The MIBOR Committee recommended the development of a benchmark based on the secured money market.



De-dollarisation not our objective, says RBI Governor Shaktikanta Das

The Reserve Bank of India (RBI) Governor, Shaktikanta Das, stated that de-dollarisation is not the central bank's objective and is only part of derisking Indian trade. He responded to US President-elect Donald Trump's threat that Brics countries would face 100% tariffs if they moved away from the US dollar. Das also mentioned that a Brics currency was an idea floated by one of the countries, but no decision had been taken. The Brics bloc includes Brazil, Russia, India, China, and South Africa.





Wine from tomatoes? Govt to fund 28 projects to reduce waste and stabilise prices

The Indian Department of Consumer Affairs has selected 28 innovators to develop pesticides, coating materials, and wine using tomato waste. The Tomato Grand Challenge aims to stabilize India's tomato supply chain, ensure year-round affordability for consumers, and improve prices for farmers. The initiative aims to reduce post-harvest losses, improve storage, and add value to surplus tomatoes. All 28 innovators will receive funding to develop prototypes of their products, aiming to improve shelf life, reduce waste, and promote sustainable agricultural practices.



Farmers are in distress, there is a need for introspection: V-P Dhankhar

Indian Vice-President Jagdeep Dhankhar has expressed concern over the situation of farmers in India, despite the presence of premier institutions like the Indian Council of Agricultural Research (ICAR). He urged institutes to work towards encouraging farmers to add value to their products and boost their income. Union Agriculture and Farmers' Welfare and Rural Development Minister Shivraj Singh Chouhan emphasized the importance of developing a traceability system in cotton and ensuring farmers receive quality seeds at low prices.



Iffco seeks govt nod to launch new nano NPK fertiliser in retail market

Fertilizer company Iffco is developing a nano NPK nutrient and is awaiting government approval to launch it in the market. The granule form product will be produced at Iffco's Kandla unit and will be sold at Rs 950 per bag of 5 kg. The company has invested around Rs 2,000 crore since 2017 on its two innovative products, nano liquid urea and nano liquid DAP. Iffco is also investing Rs 200 crore annually in promoting these products and increasing awareness among farmers. The company currently has a total annual manufacturing capacity of 16 crore bottles of nano liquid urea and 7 crore bottles of nano liquid DAP.







**ATAL BIHARI VAJPAYEE SCHOOL OF
MANAGEMENT AND ENTREPRENEURSHIP**

**Mastering Data Visualization
with Tableau**


 From Data to Decisions:
Hands-on with Tableau



SPEAKER
Mr Lakshay Sharma
Manager (Analytics), Alvarez & Marsal

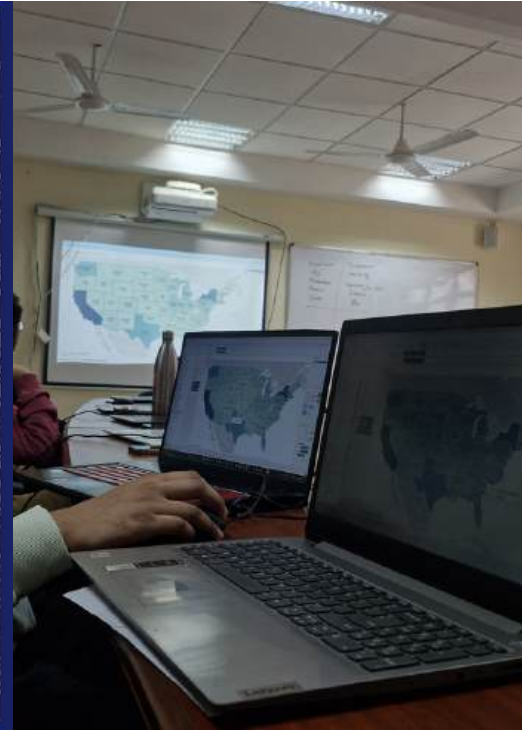
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<https://forms.gle/jBwz1WSZFfJEJonn6>

30.11.2024
Saturday

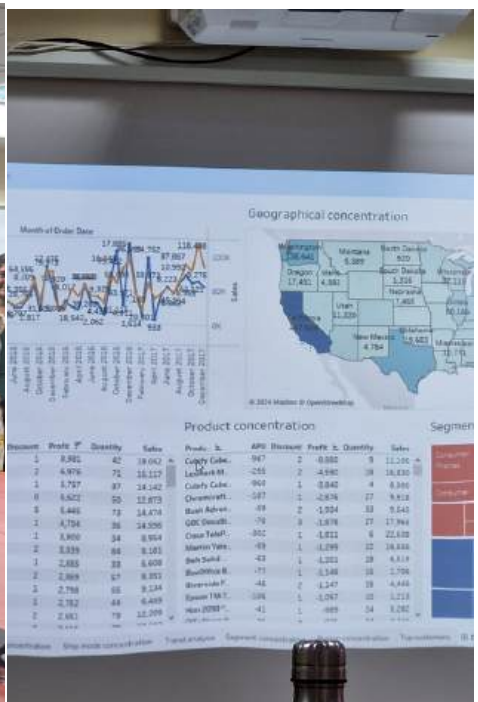
VIKAS HALL, ABVSME, JNU
TIME: 10:00 AM - 01:00 PM
02:00 PM - 05:00 PM

CO-ORDINATORS
 Faculty Coordinator - Dr Priya Gupta
 Student Coordinator - Devesh Chauhan

For MBA and Ph.d students of ABVSME, JNU, New Delhi

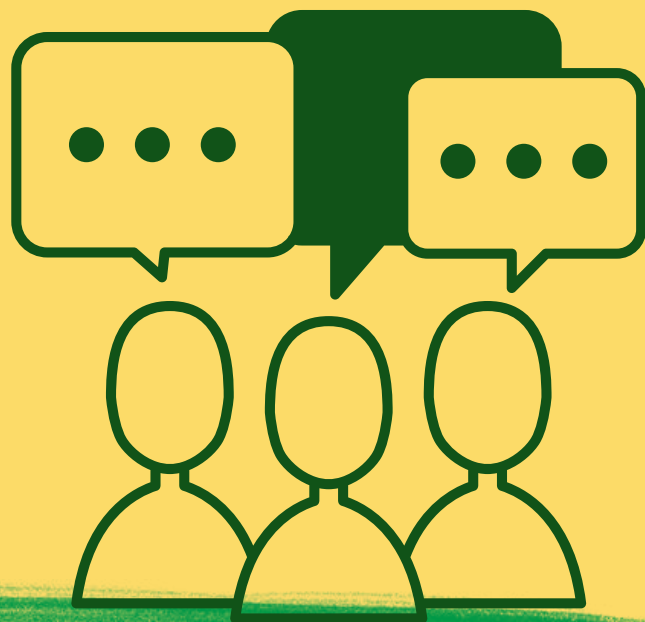


ACTIVITIES





ARTICLES



ORGANIC AGRICULTURE: A KEY TO PROMOTE CIRCULAR ECONOMY

Life has changed in almost every way since small tribes of hunter-gatherers roamed the earth with nothing but spears and stone tools, searching for food. Today, we buy our food from supermarkets rather than stalking it through the jungle; houses and high-rises shelter us at night instead of caves. Despite these changes, some fundamental responses persist. In the quest for safer food, the demand for organically grown foods has increased over the last few decades due to their potential health benefits and concerns about food safety.

According to ancient studies, agriculture began around 10,000 years ago, relying solely on nature without the use of external chemicals. With food being the cornerstone of human survival, much emphasis has been placed on commercializing organic agricultural production.

Organic agriculture encompasses various ecological chains of organic industries, including organic farming, forestry, animal husbandry, fisheries, the processing of organic agricultural products, organic trade and services, and organic consumption. In this system, no genetically modified or chemically synthesized substances, such as chemical pesticides or fertilizers, are used in agricultural production. Organic agriculture is a comprehensive system designed to enhance the profitability and well-being of the communities within the agro-organic framework.

With increasing environmental problems and drastic climate changes, the development of organic agriculture and organic industries could be the next logical step. Organic agriculture not only protects the environment but also helps conserve scarce resources, develops the rural economy, improves people's quality of life, and safeguards human health.

As we continue traditional farming practices, marketing, and allied commercial activities, now is the time to conceptualize and develop innovative value-added services. The next logical step could be adopting organic agricultural practices, which not only represent a new revenue-generating sector but also provide significant full-time employment opportunities for young people.

With the changing agricultural landscape and increasing global competition, it is essential to maximize the use of available resources. This is where the concept of organic agriculture can play a crucial role in promoting the circular economy. Unlike the linear economy (take-make-use-dispose), the circular economy (grow-make-use-restore) seeks to influence material and energy flows to increase environmental benefits and reduce costs. The circular economy has been proposed as a solution to minimize raw material input and waste generation.

According to the World Economic Forum's definition of a circular economy:

"It is an integrated system of steps to ensure minimal natural resource input and waste disposal, aimed at restoration, the use of renewable resources, the elimination of toxic chemicals, and the reduction of pollution."

This concept relies on the 5 R's of the circular economy, namely: Reduce, Reuse, Refurbish, Repair, and Recycle.

The circular economy approach to waste diversion is well-demonstrated by organic farming practices. These practices support frameworks of recovery, where waste essentially does not exist as it cycles through the system, completing the circular economy model. Organic agriculture, which avoids the use of external inputs such as chemical fertilizers, pesticides, or synthetic substances, exemplifies sustainability, reduces environmental impact, and aligns with the principles of the circular economy. By reusing natural materials from agricultural production processes (e.g., animal excreta and plant crop wastes), organic farming contributes to soil and ecosystem health. The circular economy in organic agriculture minimizes waste, enhances land utilization, and eliminates dependency on chemical fertilizers while producing food that is highly sought after by consumers.

When examining both organic farming and the circular economy, it is evident that they share a common goal of conserving and improving the health of our planet. Organic farming not only shields the environment from chemical exposure but also combats pollution, prevents soil erosion and degradation, enhances water quality, and preserves biodiversity. Similarly, the circular economy ensures that essential nutrients are returned to the soil through composting or anaerobic processes. This process not only reduces residual waste but also improves soil health and resilience, creating a balanced ecosystem.

A comparison between conventional and organic agricultural practices reveals significant differences, not only in their reliance on external chemicals but also in post-harvest waste emissions. In conventional agriculture, crop waste is often discarded immediately, failing to gain economic value. This disposal results in economic losses and increased waste. Organic agriculture, as part of the circular economy, addresses these issues effectively. Agricultural waste can be transformed into bio-products such as biofertilizers, manure, energy, materials, and compounds. Converting agri-food waste into new materials or products that align with the principles of reuse, repair, and recycling can boost local economies by generating profits and, in the long run, reduce environmental damage.

In natural ecosystems, waste is reused and processed by organisms to become resources for others. For instance, animal waste or corpses are decomposed by microorganisms, enriching the soil with nutrients. These nutrients help plants grow, which in turn feed animals, completing a natural cycle. This principle aligns perfectly with the goals of the circular economy, where waste from one process becomes a resource for another. Modern organic agricultural practices fit seamlessly into this model, emphasizing the use of organic materials while avoiding synthetic substances to maintain soil fertility and ecological balance, thereby reducing pollution and waste.

An exemplary case of organic agriculture promoting the circular economy is OrganicFe Co., a natural compost manufacturer based in Bekasi, Indonesia. While there are many compost companies in Indonesia, OrganicFe Co. explicitly incorporates circular economy principles in its processes. Using organic waste—mainly vegetable and fruit waste—the company produces natural manure and animal feed by leveraging black soldier fly larvae. These larvae consume the organic waste, which is then processed into natural fertilizer. According to OrganicFe Co., producing compost with black soldier fly larvae is faster than traditional methods involving microbes. While traditional composting can take up to seven days, the larvae method produces compost in just 4–5 days, with organic waste degrading in as little as 24 hours.

The benefits of these natural fertilizers are numerous: they are absorbed quickly and efficiently by plants, stimulate beneficial microorganisms in the soil, promote root and stem growth, and reduce the risk of pests and plant diseases. Additionally, the larvae themselves can generate income as they are processed into insect meal, an alternative protein source. This insect meal can replace imported fishmeal commonly used in poultry and fish feed. OrganicFe Co. reports that the larvae contain 45% protein and 35% fat, along with essential amino acids, making them a highly nutritious and sustainable feed option.

The OrganicFe Co. production process exemplifies circular economy principles, as organic waste from the vegetable and fruit supply chain can be reused either as fertilizer for crops or as feed for poultry and fish. This closed-loop system ensures that waste becomes a resource for another process, demonstrating the potential for organic agriculture to contribute to a sustainable agri-food supply chain.

While modern agriculture boosts productivity, it often comes at the cost of overusing resources and harming the environment. Unsustainable practices result in eco-degradation and limit long-term agricultural sustainability. The circular economy offers a pathway for balancing economic and environmental goals. Eco-agriculture, with its deep ties to natural ecosystems, plays a crucial role in achieving this balance. Recycling agricultural resources is essential for promoting the circular flow of materials and energy. Organic farming practices, as a core component of eco-agriculture, help achieve this circularity, proving to be a vital tool in promoting the circular economy.

-By Shrishti Nautiyal



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-By Devesh Chauhan



AGRITECH: BRIDGING TECHNOLOGY AND MANAGEMENT FOR SUSTAINABLE FARMING

Agritech, the integration of technology in agriculture, is transforming the way we cultivate crops, manage resources, and sustain livelihoods. With the global population on the rise and climate change posing significant challenges, the need for innovation in agriculture has never been greater. However, technology alone cannot bring about the desired impact—effective management is critical to harnessing its full potential.

The Role of Agritech in Modern Agriculture

Agritech encompasses a wide range of technologies, including precision farming, artificial intelligence, drone technology, and IoT-based smart devices. These innovations enable farmers to monitor soil health, predict weather conditions, and optimize input usage like water, seeds, and fertilizers. Agritech also plays a pivotal role in streamlining the supply chain through blockchain, improving transparency, and reducing post-harvest losses.

Despite these advancements, adopting Agritech on a large scale requires more than just access to technology. It demands strategic planning, resource optimization, and stakeholder collaboration—all of which fall under the purview of effective management.

Why Management is Key in Agritech

1. Adoption and Awareness:

Many farmers, particularly in developing countries, are unaware of Agritech solutions or lack the skills to implement them. Effective management ensures proper education, training, and outreach programs to bridge this gap.

2. Resource Allocation:

Agritech tools often require significant investment. Management focuses on budget optimization and resource distribution to ensure farmers get maximum benefits without financial strain.

3. Market Linkages:

Management plays a crucial role in connecting farmers to markets, ensuring fair pricing, and minimizing exploitation. Digital platforms and e-commerce solutions are critical here.

4. Sustainability Practices:

Agritech can only deliver long-term benefits if paired with sustainable farming practices. Managers ensure that technologies align with environmental goals, such as reducing carbon footprints and conserving water.

5. Policy and Regulation Compliance:

Management ensures that Agritech innovations comply with government policies and support the creation of favorable regulatory frameworks.

The Future of Agritech and Management

The future of Agritech depends on creating an ecosystem where technology and management work hand in hand. With proper planning and execution, Agritech can revolutionize farming by making it more efficient, profitable, and environmentally sustainable. From empowering small-scale farmers to enabling large-scale operations, management provides the structure and direction needed to maximize the impact of technological advancements.

In conclusion, Agritech holds the promise of solving some of the biggest challenges in agriculture, but only when complemented by strong managerial strategies. Together, technology and management can ensure a future where farming is not just productive but also sustainable and equitable for all.

-By Yuktika Duggal





AGRI-TECH QUIZ QUESTIONS



Answer the following questions about agri-tech

- 1** : What is the estimated market size of the Agri-tech industry in India in 2024?
a) \$4 billion b) \$7 billion
c) \$10 billion d) \$12 billion
- 2** Which Indian state is known for being a leader in implementing Agri-tech solutions?
a)Uttar Pradesh b) Maharashtra
c)Tamil Nadu d) Punjab
- 3** 1.Which Agri-tech startup is known for using drones to monitor crop health in India?
a) Ninjacart b) CropIn
c) AgroStar d) Fasal
- 4** Which technology is primarily used in India to reduce water wastage in agriculture?
a) AI b) IoT-based precision irrigation
c) Blockchain d) 3D printing
- 5** Which of the following is an example of a hydroponics system used in Indian agriculture?
a) Vertical farming b) Aeroponics
c) Aquaponics d) All the above
- 6** Which company provides satellite-based agricultural insights to farmers in India?
a) Skymet b) Microsoft
c) SatSure d) Mahindra
- 7** Which Agri tech innovation has helped farmers in India Track livestock health and productivity through wearable technology?
a) ·Agri Tech IoT solution b) SenseHawk
c) SmartBale d) CowTech
- 8** 8. Which Indian Agri-tech startup focuses on providing financial services to farmers via mobile apps?
a) Agripay b) Jai Kisan
c) AgroStar d) FarmEasy
- 9** Which platform helps farmers in India with real-time weather updates and market prices?
a) Kisan Suvidha b)AgriApp
c)Krishi Gyan d) CropIn
- 10** Which type of sensors are commonly used in smart farming to track soil quality?
a) Humidity sensors b) pH sensors
c) Temperature sensors d) All of the above
- 11** Which technology helps in reducing food wastage during the transportation of perishables in India?
a) Cold chain logistics b) Drones
c) Blockchain d) AI forecasting
- 12** What is the key technology used by Agri tech startup to enables precision farming and improve crop yields in India?
a)Block chain b)Artificial Intelligence
c) Internet of Thing d)All of the Above
- 13** Which Indian states has launched the 'M-Governance" mobile app to provide weather forecasts, market information, and Agri tech solution to farmers?
a) Telangana b) Kerala
c) Andra Pradesh d) Rajasthan
- 14** Which Agri tech company in India is known for using drones for aerial spraying of fertilizer and pesticides to increase farm efficiency?
a) SKymet b) Tartansense
c) Ninjacart d) AgriX



AGRITECH QUIZ ANSWERS



Answers

- 1 : What is the estimated market size of the Agri-tech industry in India in 2024?

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CASE STUDY: TRENDY THREADS - CONQUERING DATA CHAOS

The Challenge:

Trendy Threads, a rapidly growing online clothing retailer, is facing a data deluge. Sales data from their various platforms (website, Amazon, eBay) is scattered across spreadsheets, each with its own unique format. This data disarray is hindering their ability to:

- Track sales trends across all platforms.
- Analyze customer behavior and preferences.
- Make informed decisions about inventory and marketing strategies.

The Data:

- Available to Readers: Sample sales data from each platform (website, Amazon, eBay) can be downloaded.
- Data Format: Each platform's data will have a different format, including varying column names, data types, and potential errors (e.g., typos, missing values).

Dataset for reference:

Trendy threads website sales (trendythreads_website.csv)

Order ID	Order Date	Product ID	Product Name	Quantity	Unit Price
1001	2024-07-05	TTW001	Blue Summer Dress	1	59.99
1002	2024-07-05	TTW002	Men's Black T-Shirt	2	19.99
1003	2024-07-06	TTW003	Kids' Striped Tee	1	14.99
1004	2024-07-07	TTW001	Blue Summer Dress	3	59.99
1005	2024-07-08	TTW004	Women's Jeans	1	49.99
1006	2024-07-09	TTW002	Men's Black T-Shirt	1	19.99
1007	2024-07-10	TTW005	Summer Sandals	2	29.99
1008	2024-07-11	TTW003	Kids' Striped Tee	2	14.99
1009	2024-07-12	TTW004	Women's Jeans	2	49.99
1010	2024-07-13	TTW001	Blue Summer Dress	1	59.99

Amazon Sales (Amazon_Sales.csv)

Order ID	Order Date	Product ID	Product Name	Quantity	Unit Price
AMZ001	2024-07-04	AMZ001	Men's Running Shoes	1	79.99
AMZ002	2024-07-06	AMZ002	Women's Sports Bra	2	24.99
AMZ003	2024-07-08	AMZ001	Men's Running Shoes	2	79.99
AMZ004	2024-07-10	AMZ003	Kids' Backpack	1	39.99
AMZ005	2024-07-12	AMZ002	Women's Sports Bra	1	24.99

eBay Sales (eBay_Sales.csv)

Order ID	Order Date	Item ID	Product Name	Quantity	Unit Price
EBY001	2024-07-05	EBY001	Vintage Sunglasses	1	49.99
EBY002	2024-07-07	EBY002	Antique Vase	1	199.99
EBY003	2024-07-09	EBY001	Vintage Sunglasses	2	49.99
EBY004	2024-07-11	EBY003	Handmade Jewelry	1	29.99

The Mission:

1. Data Wrangling:

- Clean and standardize the data from each platform using Excel's data cleaning and transformation tools.
- Identify and correct errors in the data.

2. Data Consolidation:

- Combine the cleaned data from all platforms into a single, unified spreadsheet.

3. Data Analysis:

- Analyze the consolidated data using pivot tables to identify key trends and insights, such as:
 - Total sales revenue across all platforms
 - Sales by product category
 - Sales by platform
 - Sales trends over time
- Visualize the data using charts and graphs.

4. Strategic Recommendations:

- Based on your analysis, provide recommendations to Trendy Threads on how to improve their sales performance.

- For example:
 - Which platform should they prioritize for marketing efforts?
 - Which product categories have the highest potential for growth?
 - What inventory adjustments should they make?

Submit Your Solutions:

Readers are encouraged to analyze the provided data and submit their solutions to the Infomatrix Club (itclubinfomatrix@gmail.com).

Prizes:

- Top submissions will be recognized and featured in the next issue of Insights by Infomatrix.

Deadline for Submissions: (14th February, 2025)

Let's Unleash Our Excel Superpowers and Help Trendy Threads Conquer Data Chaos!

Note:

- This is a simplified sample dataset for illustrative purposes.
- Real-world datasets would be significantly larger and more complex.
- You can modify this dataset to include additional challenges such as:
 - Inconsistent date formats (e.g., MM/DD/YYYY, DD/MM/YYYY)
 - Missing values in some columns
 - Typos in product names

Disclaimer: This dataset is for educational purposes only and does not represent actual sales data.

Infomatrix Club



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Members of INFOMATRIX Club:

Devesh Chauhan	/President/
Mokshika Arya	/Vice president/
Anshul Yadav	/General secretary/
Vidhi Sharma	/Joint secretary/
Ankita Singh	/Treasurer/
Divya Sharma & Nandini	/Designing Head/
Keshav Sharma	/Workshop Manager/
Yuktika Duggal	/Social Media Manager/
Ananya Rastogi	/Newsletter Head/
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