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Asia Pacific AI in Agriculture Market Size study, by Application (Weather Tracking, Precision Farming, Drone Analytics), By Deployment (Cloud, On-premise, Hybrid) and Country Forecasts 2022-2032

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Abstracts

Asia Pacific AI in Agriculture Market is valued approximately at USD 508.43 million in 2023 and is anticipated to grow with a healthy growth rate of more than 27.60% over the forecast period 2024-2032. AI in Agriculture refers to integration of machine learning algorithms, computer vision, robotics, and other AI tools to optimize crop production, enhance resource management, monitor crop health, automate tasks and make data-driven decisions. AI in agriculture aims to increase efficiency, productivity, and sustainability in farming while reducing costs and environmental impact. Furthermore, rising focus on sustainable agriculture are driving attention towards Asia Pacific AI in Agriculture Market. Consumers are concerned about the environmental and social impacts of food production and are seeking products that are produced using sustainable and ethical practices. AI technologies play a crucial role in enabling sustainable agriculture by optimizing resource use, reducing waste, and minimizing environmental impact.

Asia Pacific AI in Agriculture Market is driven by increasing population and rising demand of predictive analysis in the food business across the region. technologies offer solutions to enhance agricultural productivity and efficiency, allowing farmers to produce more food on existing land while minimizing resource use and environmental impact. In addition, predictive analytics can identify potential issues such as contamination, spoilage, or defects in real-time. This proactive approach to quality control minimizes the risk of foodborne illnesses, product recalls, and reputation damage, thereby enhancing consumer trust and loyalty. However, high deployment cost of AI in Agriculture and lack of standardization in data collection is going to impede the overall

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demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific AI in Agriculture market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue owing to factors such as rising number of smart cities is prompting agribusiness enterprises to implement AI-powered solutions and services across the region. Smart cities are embracing urban farming and vertical agriculture initiatives to enhance food security, reduce food miles, and minimize the environmental impact of food production. AI-driven solutions enable precise control of environmental variables such as light, temperature, humidity, and nutrient levels, leading to higher yields and better resource efficiency. Furthermore, the market in India, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:
AgriWebb Inc
FarmIQ Inc
Plantix Agritech India Private Limited
Company 4
Company 5
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Application
Weather Tracking
Precision Farming
Drone Analytics

By Deployment
Cloud
On-premise
Hybrid

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By Region:
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Years considered for the study are as follows:
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and country level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market.

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