

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

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Abstracts

US AI in Agriculture Market is valued approximately at USD 582.237 million in 2023 and is anticipated to grow with a healthy growth rate of more than 26.21% over the forecast period 2024-2032. AI in Agriculture encompasses the use of advanced technologies such as machine learning algorithms, computer vision, robotics, and other AI tools to revolutionize farming practices. This integration aims to optimize crop production, enhance resource management, monitor crop health, automate various tasks, and enable data-driven decision-making. Through leveraging artificial technology the agricultural sector seeks to boost efficiency, productivity, and sustainability, while also reducing costs and minimizing environmental impact. Furthermore, rising emergence of Agri-tech startups is gaining attention towards US AI in Agriculture Market. Agri-tech startups brought innovative solutions to the agricultural sector, leveraging cutting-edge technologies such as AI, machine learning, IoT, and robotics. These startups are disrupting traditional farming practices by introducing novel approaches to crop monitoring, precision agriculture, supply chain management, and sustainability

The US AI in Agriculture Market is driven by rising demand for precision farming techniques and increasing adoption of AI technologies to enhance agricultural productivity across the region. Precision farming techniques help farmers monitor crop health and growth more accurately, enabling timely interventions to address issues such as nutrient deficiencies, pest infestations, and disease outbreaks. AI-powered analytics process data from sensors, drones, and satellites to provide insights into crop performance, enabling farmers to make informed decisions to enhance yield and quality. In addition, AI technologies enable data-driven decision-making in agriculture by

processing and analyzing large volumes of data to extract actionable insights. However, high deployment cost of AI in Agriculture and lack of standardization in data collection is going to impede the overall demand for the market during the forecast period 2024-2032.

Major market player included in this report are:

Microsoft Corporation

International Business Machines Corporation

Granular Inc

aWhere Inc

PrecisionHawk Inc

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

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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