AGRICONNECT

… AgriConnect… Empowering Women in Agriculture with Technology

Agenda

- **Welcome to the Future of Agriculture**

- **Demystifying AI: Intelligence Amplified**

- **AI in Your Daily Life**

- **Revolutionizing Agriculture with AI**

- **Empowering Women Farmers with AI**

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- **Women Leading the Way in AI-Powered Agriculture**

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- **Embrace the Future of Agriculture**

Girls in ICT
Leadership
25 April 2024

Demystifying AI: Intelligence Amplified

AI is like giving computers the ability to learn, solve problems, and make decisions, similar to human intelligence

Machine Learning: Algorithms that allow computers to learn from data without explicit programming.

Deep Learning: A subset of machine learning using artificial neural networks.

Think of training a plant identification app. You show it many pictures of different plants (data), and it learns to recognize them on its own.
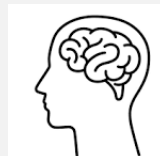
AI in Your Daily Life

Social Media: How algorithms personalize your feeds.

Navigation Apps: How AI optimizes routes and predicts traffic.

Streaming Services: How AI recommends content you might like.

AI is already influencing your decisions in everyday life without you being aware of it.

Revolutionizing Agriculture with AI
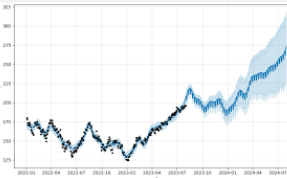

Precision Farming

Crop Monitoring and Diagnostics

Automated Farm Machinery

Livestock Management

Market Analysis and Price Prediction

Empowering Women Farmers with AI

Reducing Labor Drudgery: AI-powered tools can automate physically demanding tasks, making farming more accessible.

Improving Decision-Making: AI provides data-driven insights, enabling women to make informed choices about planting, harvesting, and resource management.

Increasing Efficiency and Productivity: AI tools can help optimize farming practices, leading to higher yields and income.

Enhancing Access to Information: AI-powered apps can provide women with real-time information on weather, market prices, and best practices.

Promoting Sustainable Practices: AI can help women adopt environmentally friendly farming methods.

Financial Inclusion: AI can facilitate access to credit and insurance for women farmers.

Your Journey into AI-Powered Agriculture

Develop Digital Literacy: Become comfortable with using computers, smartphones, and agricultural software.

Seek Out Training: There are many free courses, workshops, and online resources on AI and agricultural technology online.

Embrace Data: Understand the importance of collecting and analyzing data in modern agriculture.

Network with Experts: Connect with professionals in the field and learn from their experiences.

Experiment and Innovate: Explore how AI can be applied to solve specific challenges in your communities.

Advocate for AI Adoption: Promote the use of AI in agriculture among your peers and in your communities.

Women Leading the Way in AI-Powered Agriculture

India's Prime Minister Narendra Modi's government launched the so-called "Drone Didi" or "Drone Sisters" initiative in 2023 and so far 500 drones have been distributed, the Agriculture Ministry said in parliament in December. The programme equips women-led self-help groups with drones to provide agricultural services.

https://www.reuters.com/world/india/indian-women-pilot-farm-drones-earning-living-some-independence-2025-03-06/

Questions & Answers