



# LivestockPilot

Smart Technology for Healthier, Profitable Herds

An AI-powered livestock management solution that optimizes animal health, nutrition, breeding, and farm efficiency through real-time monitoring, predictive analytics, and automated insights.

## Healthy Livestock, Higher Profits – Powered by AI



### Livestock Management

**Livestock Pilot is an AI-powered livestock management** solution designed to help farmers optimize animal health, productivity, and resource management. It integrates IoT sensors, AI-driven analytics, and automated alerts to monitor animal health, track feeding schedules, and enhance breeding programs. With real-time insights into weight gain, disease detection, and environmental conditions, farmers can make data-driven decisions to improve efficiency, reduce losses, and maximize profits.

## Key Benefits



### **Real-Time Health**

**Monitoring:** Tracks body temperature, movement, and feeding patterns to detect early signs of illness.

### **AI-Based Disease Prediction:**

Identifies health risks before they become major issues, reducing losses.



### **Automated Feeding &**

**Nutrition Planning:** Ensures optimal growth with AI-recommended diets based on breed, age, and weight.





**Breeding & Reproductive Management:** Tracks fertility cycles and AI-assisted breeding recommendations for higher efficiency.

**IoT-Powered Environmental Monitoring:** Maintains ideal temperature, humidity, and air quality for livestock well-being.



**GPS & RFID Tracking:** Monitors location and movement of free-range livestock to prevent losses.



### **Data-Driven Farm Insights:**

Provides reports on milk yield, weight gain, and feed conversion rates for better decision-making.

### **Cost Savings & Increased Yield:**

Reduces veterinary expenses, improves productivity, and enhances farm profitability.



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