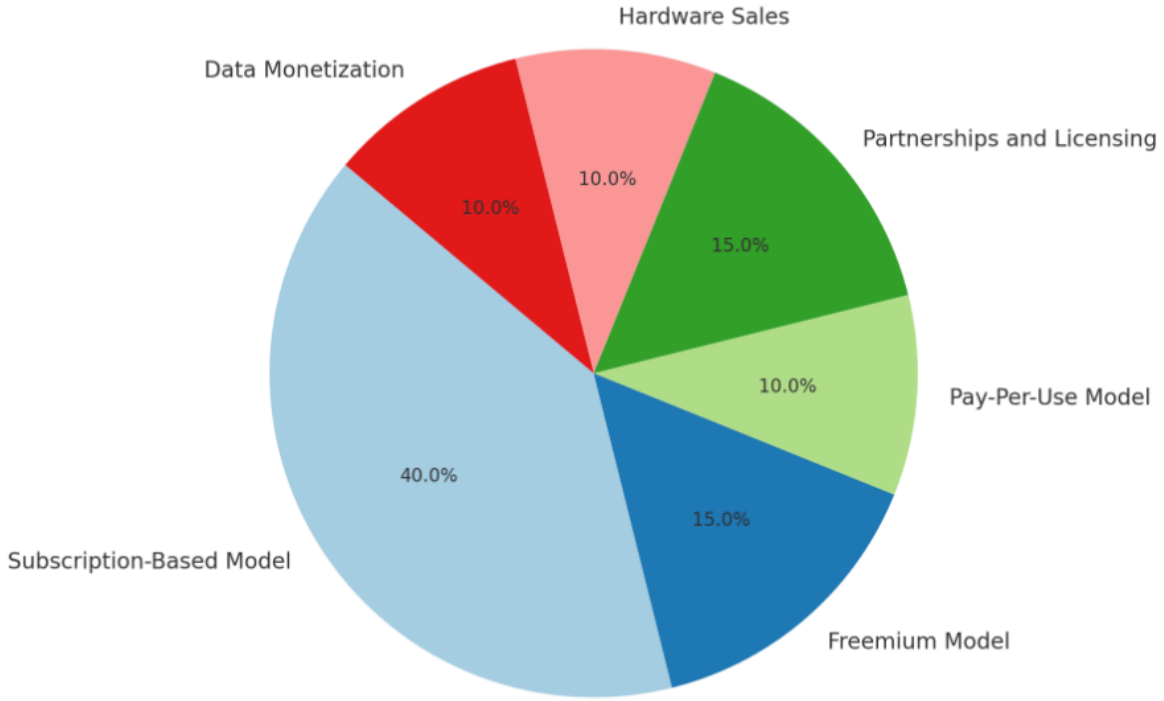
AI-Powered Crop Monitoring and Disease Prediction Platform

Revenue Model: The platform revenue is depends on the following factors,

- ➢ **Subscription-Based:** Monthly/annual subscriptions for advanced features like disease prediction and analytics.
- ➢ **Freemium Based:** Basic features for free, with premium services available at a cost.
- ➢ **Pay-Per-Use Based:** Farmers pay for specific services, such as pest detection or weather reports.
- ➢ **Partnerships and Licensing:** Collaborations with agribusinesses, cooperatives, or NGOs for broader implementation.
- ➢ **Hardware Sales:** Offering IoT devices, drones, and sensors as part of the platform.
- ➢ **Data Monetization:** Selling aggregated and anonymized data to stakeholders in the agricultural ecosystem.



Financial Equation:

Assumptions

- ➢ Rs.2,00,000 for manufacturing cost.
- ➢ Subscription fee: Rs.250 for small farmers and 3000 for enterprises.
- ➢ Operational cost for Cloud maintenance and support cost would be 2000.
- ➢ Total Number of Farmers (Monthly Adoption Growth):
    - ○ Let's assume Smallholder Farmers: x in the first month, increasing by 10% monthly.
    - ○ Enterprises:b in the first month, increasing by 8% monthly.

Financial equation would be.

Financial equation is y

Y = Small farmers(250 * x) + Enterprises(3000 * b) - OperationalCost.