



CONNECT WALLET



# DHARANI

ACQUIRE - ANALYSE - ADOPT



# NEED FOR DHARANI:

- **As India is an agriculture-dependent country and about 18% of the country's GDP is contributed by Agriculture, sustainable and smart farming will help the farmer and his family earn and live better but also significantly move the small scale economy up.**
- **Our Project Dharani will monitor humidity ,soil moisture, and other important properties of soil 24X7 and give all the details and recommendations straight to your phone.**
- **It uses state of the art IoT technologies and machine learning models to monitor and give suggestions in the farm.**



# DHARANI:

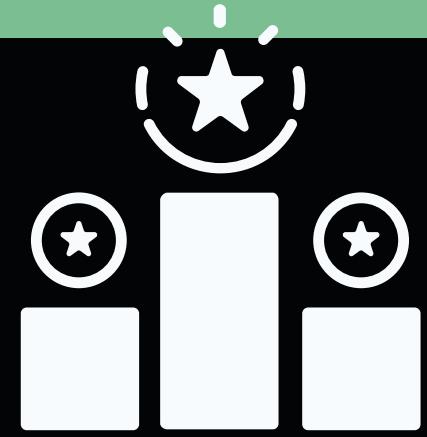


**Easy to use**

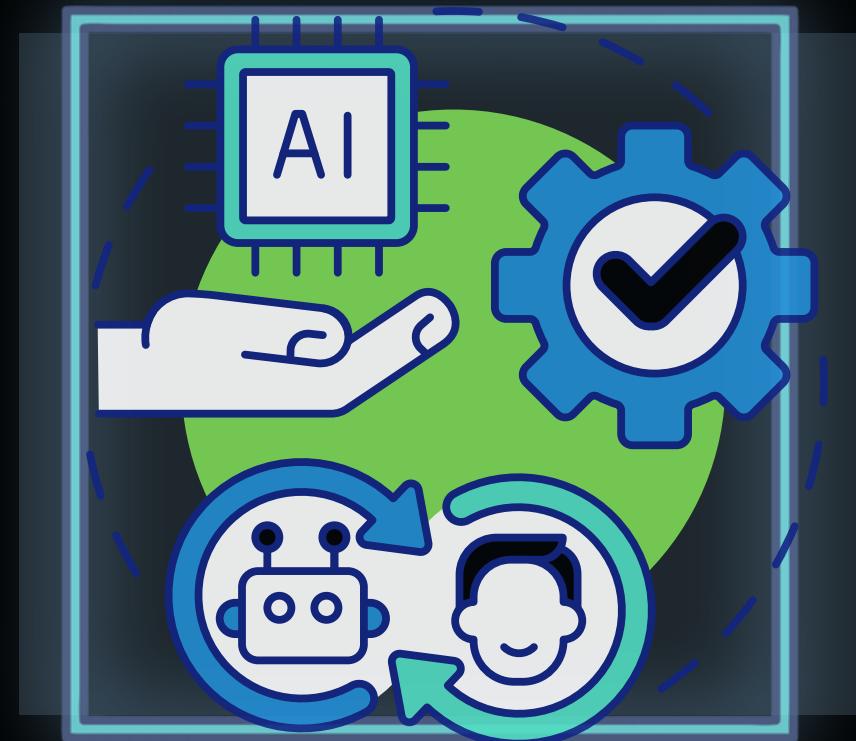
**Access to research based outcomes**

**Increases efficiency, impacts:**

- **Agriculture,**
- **Economy**
- **Environment**
- **Resources.**



BHoomi



## ACQUIRE

GO TO YOUR LOCAL AGRICULTURAL CENTER AND GET YOUR SOIL TESTED AND ASK THEM TO REGISTER YOUR ACCOUNT WITH YOUR FARMER ID

## ANALYSE

OUR ADVANCED AI AND ML METHODOLOGIES WILL PROVIDE YOU WITH BEST SOLUTIONS AND OUTCOMES FOR YOUR CURRENT SOIL CONDITIONS

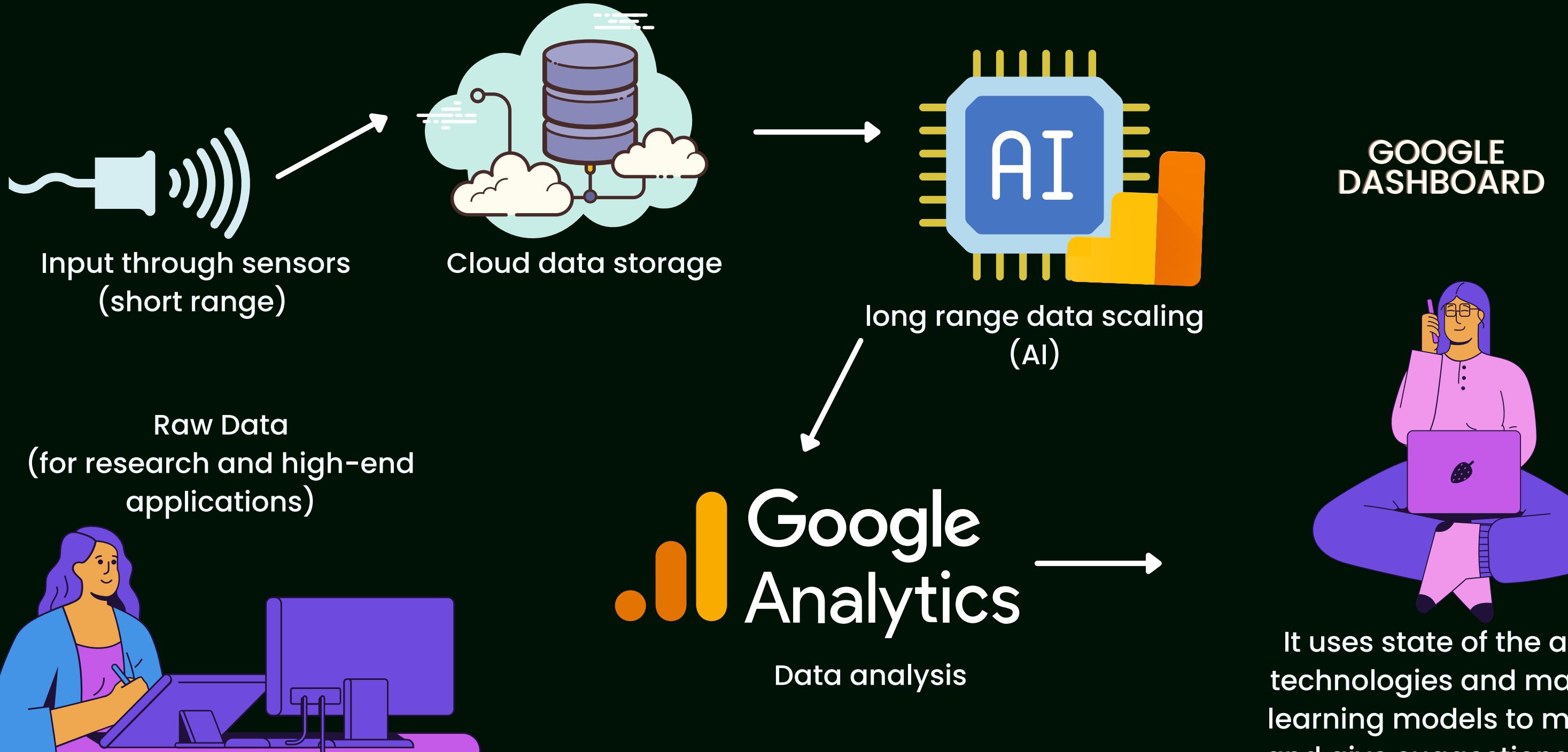
## ADOPT

WITH THE HELP OF DHARANI, FIND THE BEST CROPS, CHEAPEST PRODUCTS AND INSTANT PEST CONTROL DIRECTLY THROUGH YOUR PHONE!



DHARANI

# ALGORITHM



# WORKING UI



UPLOAD IMAGES



Termite - Expected  
earning (0.028 eth)

UPLOAD HISTORY

IDENTIFIED



1.

- TERMITE
- Gynnidomorpha alisman
- Rhinotermitidae

CHECK YOUR NFT



STATUS : VERIFIED

CLAIM

connect wallet

Eth earned : 0.03  
MINTED NFT: Common  
Moth

# USE CASES

- Farmers can share the pests and get rewarded for the NFT pictures of pests.
- Using AI, better crop predictions, better pest control and market prices for higher profitability
- Farmers can get discounts from vendors in group buy which makes their cost less and increases profits
- Over all development and incentives to farmers
- Tracking of multiple land plots and farm total growth

# UI



- Name - Sattibabu Anji
- Kissan ID - 88888888
- Mandal - Bhimavaram
- Acres ~ 16.7
- Govt funds ~ 2.6 lakhs
- Dharani Earnings ~ 76k
- Research Org - TATA Agri

FARM - 1

FARM - 2

FARM - 3

FARM - 4

FARM - 4



FARM - 1



- Nitrogen
- Phosphorous
- Temperature
- Humidity

*Thank  
You*