



FOODBRIDGE AGENT SYSTEM

AI-Powered Surplus Food Redistribution
Track : Agents For Goods

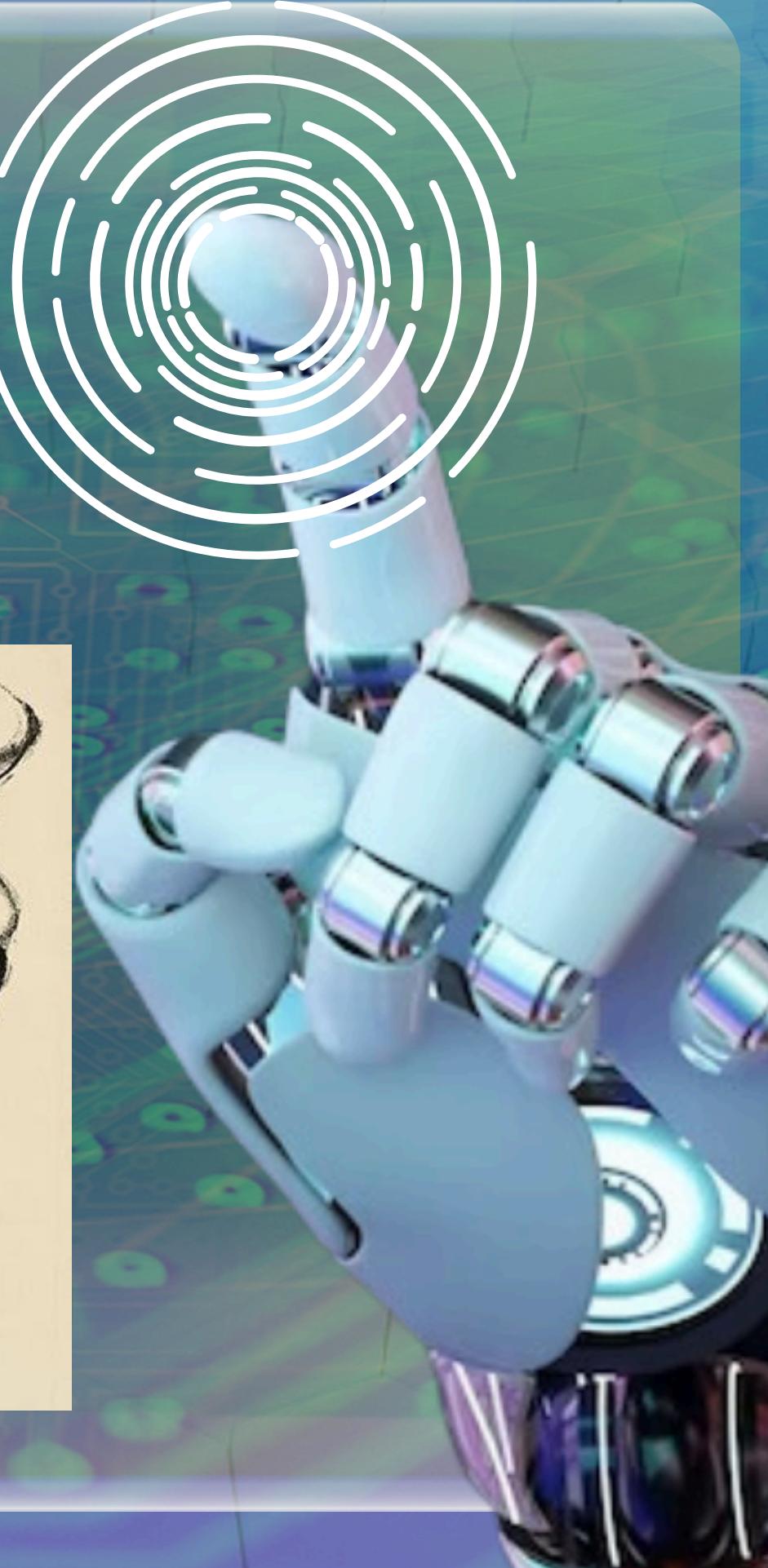
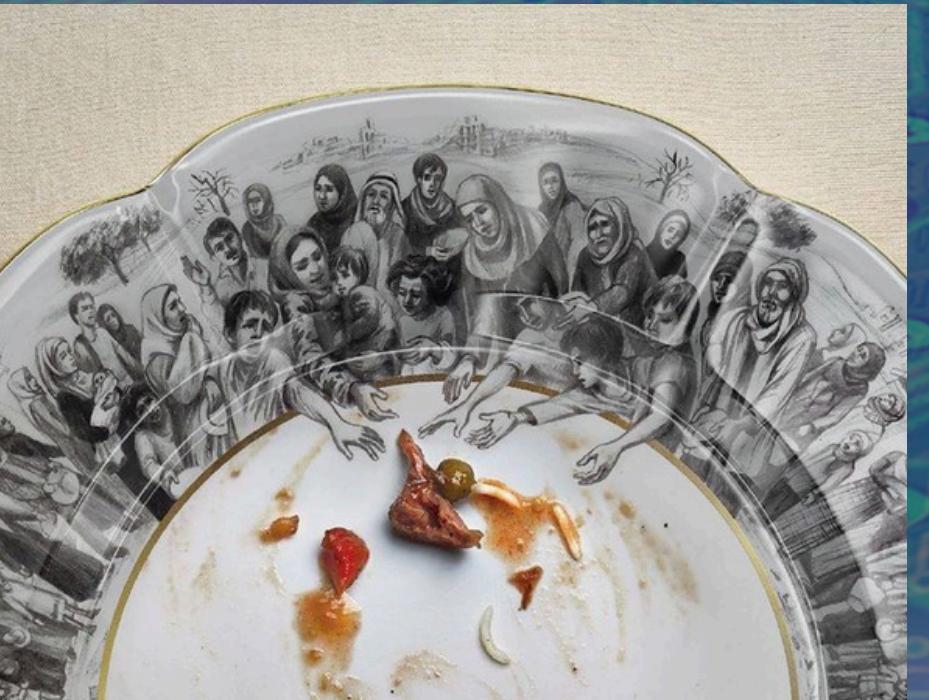
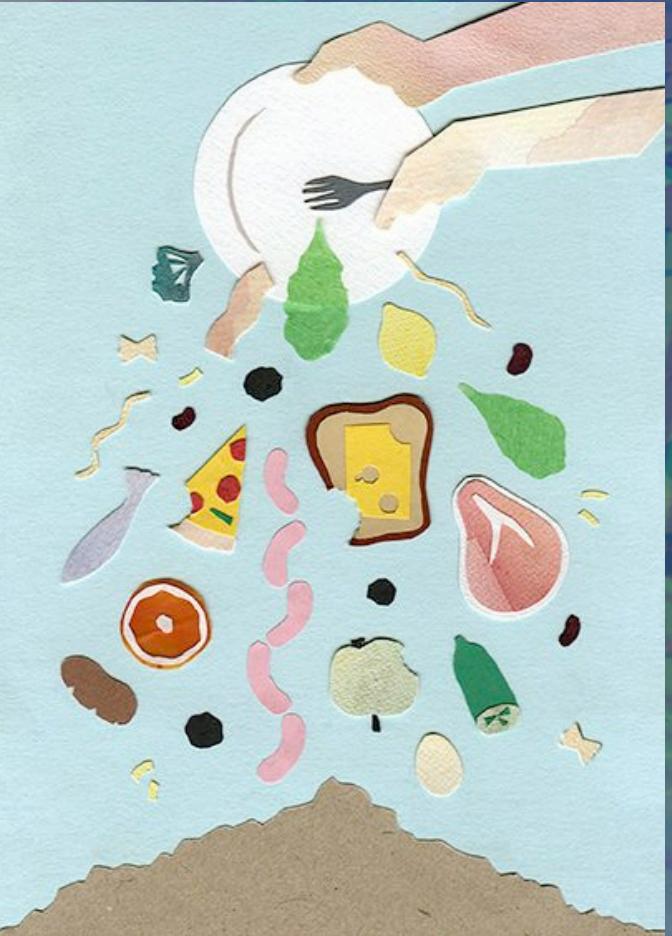
Kaggle x Google ADK Capstone

By Harshal More



THE PROBLEM

- Tons of edible food wasted every day
- Thousands still struggle for meals
- The real issue = poor distribution
- No intelligent system connecting donors & NGOs



WHY AGENTS?

Because the process needs:



Food intake understanding



NGO matching



Logistics ETA



Impact estimation

Agents allow modular, specialized decision-making.

DEMO OUTPUT

User Request example : "8kg cooked rice,
pickup within 45 min"

```
{  
  "food": "Cooked Rice",  
  "quantity": "8 kg",  
  "ngo": "Helping Hands",  
  "eta_minutes": 10.8,  
  "meals_saved": 32  
}
```



Delivery ETA



Meals saved



NGO Match

HOW ITS BUILD?



Build Using Python



Uses Google Agent Development Kit



JSON event-based workflow



Modular agents + Orchestrator

Optimized for real-world scale + future deployment 





THANK YOU

FoodBridge – AI for Social Good
Harshal More | Kaggle x Google ADK Capstone



github.com/HMM0007/FoodBridge-Agent-System

www.kaggle.com/code/harshalmore0021/foodbridge-agent-system