



Pummit

Challenge B

Agenda



TEAM



PROJECT GOAL



OUR IDEA



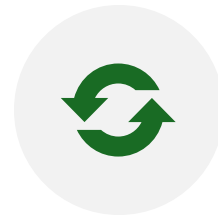
WHAT WE
ACHIEVED?



CHALLENGES



DEMO



HOW WE WOULD
CONTINUE?

Team

- We are from Hervanta
- Team name:
 - Pummit
- Members:
 - Jannaten
 - Rami
 - Mohammed

Project goals

- Primary Goal: Assess how agricultural events align with the current CAP plan and identify areas for improvement
- Supporting Goals:
 - Event Analysis: Categorize events based on CAP themes such as sustainability, technological development, and rural vitality
 - Stakeholder Insights: Understand how different stakeholders contribute to CAP goals through events
 - Future Planning: Provide recommendations for future event topics to ensure alignment with CAP objectives and upcoming trends

Our Idea

- Clean the data
- Upload the data to some database (mongoDB or postgresql)
- Divide the project to frontend (react or next js)
- Backend (node.js or spring boot)
- Adding the search bar functionality to search throw data from the database
- Using AI to analyze the data and display the result

What we achieved

- Connect the frontend with the backend
- The AI model is integrated with backend
- The csv file is read directly (not from DB)
- Endpoints powered by openai API

Challenges/problems

- Clean the Data: Preprocess the data by removing duplicates, handling null values, validating field formats
- Load the CSV file to the database: Parse the CSV file efficiently and populate the database
- Using the LLM to Analyze the data with more accuracy
- Training the model

Demo

How would we continue?

- Study more about the project's technologies
- Cleaning the data
- Database Integration with PostgreSQL
- Using Redis Cache
- Containerized the App (ECR + ECS)
- By adding CRON jobs
- Enhanced AI Analysis Capabilities (Machine Learning Model)
- Advanced Data Visualization Features