Data

Log in

Input data analysis

input@data.analysis

Password

****

Proceed

Data Analysis

Search...

Data Analysis
Explore input data

Data analysis at 11 AM, Section 300
34 data points

Data preparation   67% data ready

AI Insights   Explore
Understanding AI workings

Data session on 10/5, 2 PM, Section
42 data entries

Data analysis   33% analysis done

Predicted Yields   View
Top crop predictions

Predictions for 15/5, 11 AM
AI-based yield forecast

Model status   Sign up in

Data Review
Review with expert

Review session on 19/5, 9 AM
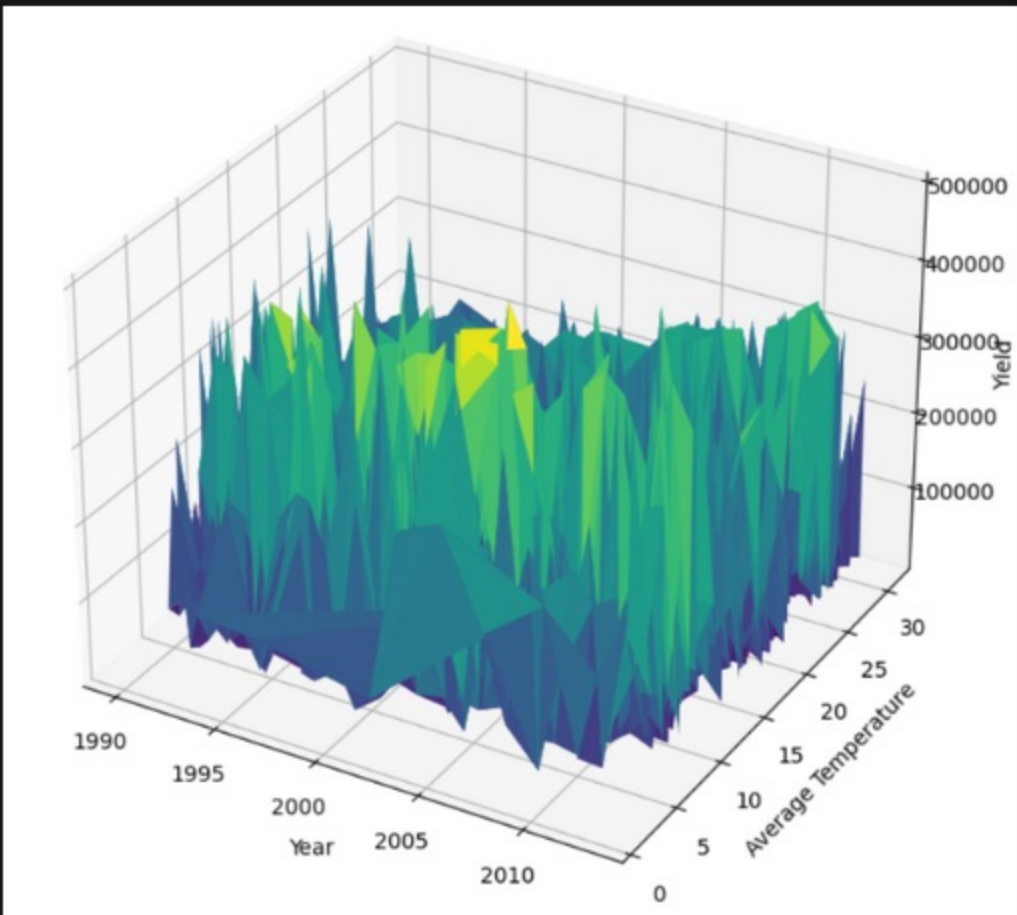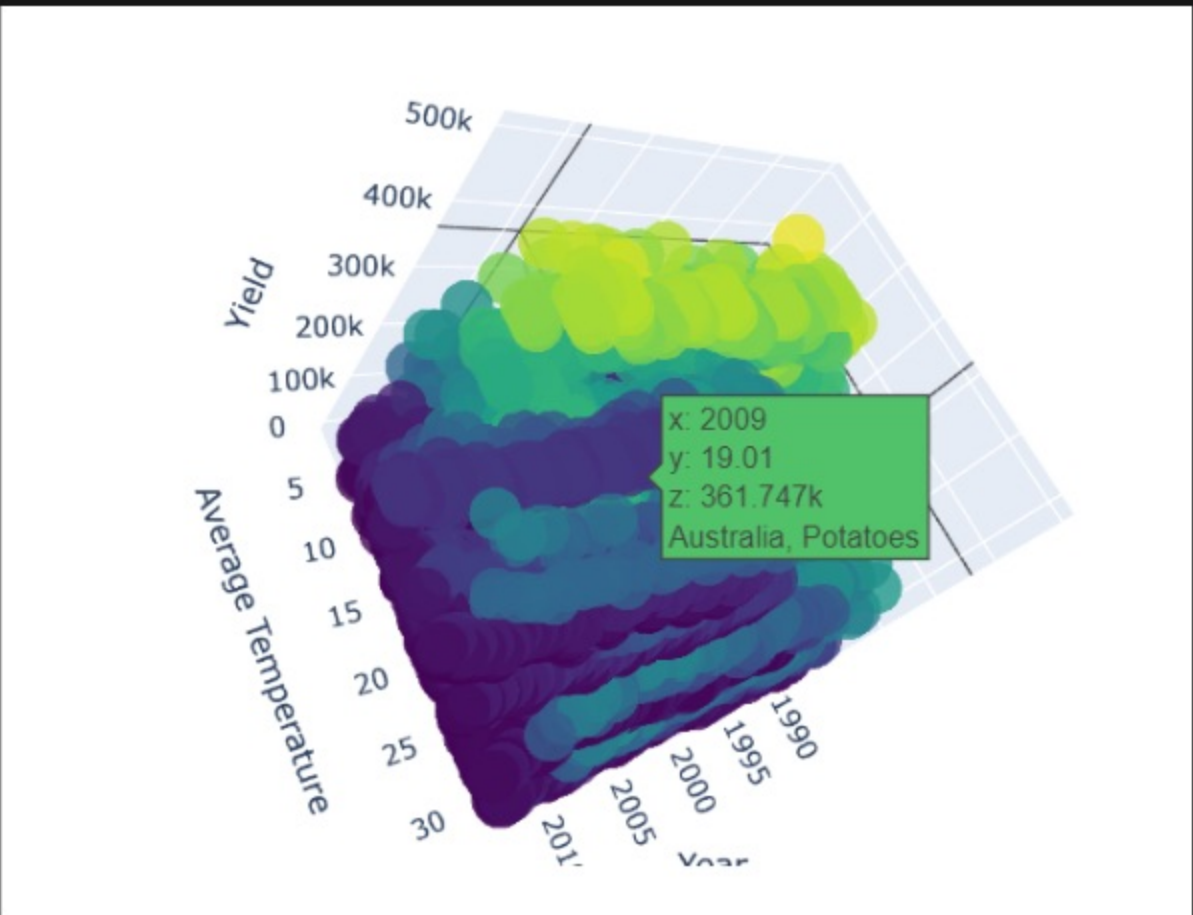Personal review session

Model status   Registration

Your Graph
📅 May 01- May 21, 2023

x: 2009
y: 19.01
z: 361.747k
Australia, Potatoes

Preprocessing Section

Crop Prediction   (Estimated time: 45

Data Preparation   34/40 fields
Data Quality: Verified

Results

Predicted Yields
Seasonal Trends   98%

Crop Varieties
Seasonal Analysis   72%

Yield Analysis
Seasonal Predictions   34

Explainable AI

Insights into the prediction model
Contact support for assistance.   →

Organizo

- Dashboard
- **My tasks**
- Notifications

- Settings
- Log out

New analysis Submit

Add crop filters for analysis

Data Analysis   Preprocessing   Results   Explainable AI

Explore input data

☑ **Prepare input data**
View predicted crop yields

☑ **AI decision insights**
AI model predictions

☑ **Crop yield forecast**
Data analysis results

Advanced options

	Data priority	Data team	Data assignee
	ata priority hig	Marketing data	
	a priority med	Operational data	
	Explore	Data Analysis	

	AI Insights	Data Analysis Team	Data Analyst
	Explore	Data Insights	
	Analysis	Data Operations	

☑ Weekly Report Analysis	Upcoming Harvest	Begin	Low Priority	Operational Tasks	

Current Week Tasks	Due Tomorrow	Workflow Stage	Urgency Level	Collaboration	Task Assignee
☑ Product Order Checks	Midweek Reminder	Processing	Analysis	Retail Analysis	
☑ Employee Performance Reviews	Weekly Feedback	Commence	Progress	Team Management	
☑ Weekly Progress Report	End of Week Review	Start Now	Low Priority	Project	

Data Analysis

Preprocessing

Results

Explainable AI

Insights

AI Insights

Exit

CropYieldPredictor

| Explore Data ⌄ | Data Preprocess | Results ⌄ | | Analyze |

Viewing Crop Yields Predictions

Yield Prediction
Predict crop yields using KNN Classification model.

Data Analysis
Data Preprocessing

Results Display
Display predicted crop yields using KNN Classification model.

Explainable AI
Provide insights into the AI model's decision-making process.

Accuracy Assessment
Low Confidence Predictions

Model Explanation
Explain the rationale behind the AI model's predictions.

Decision Insights
Decision Factors Analysis

Yield Prediction | Process

DATA — Explore and analyze input data for crop yield predictions using KNN Classification model.

INSIGHTS — Decision-making Process

AI Model — AI Model Insights

PREDICTION — Predicted Crop Yields

Prediction Confidence — ☑ **High Confidence Predictions** `High`
Display prediction confidence levels for crop yields.

☑ Display prediction confidence `Low`
Decision Insights

☑ Model Decision Factors `Factors`
Display factors influencing the AI model's decisions.

☑ **Analyze factors influencing the AI** `Analysis`
Model Decisions Analysis

CropYieldPredictor

Crop Yield Predictor
contact@cropyieldpredi

- Data Analysis
- Preprocessing
- Results
- Explainable AI
- Insights

Data Analysis ‹ ›

Explore **Preprocess** Results

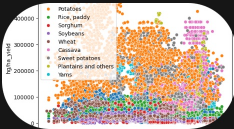|	Predicted Yields	Decision Insights	KNN	AI Model Insights	Visualizations	Predictions	Model
	1	**2**	**3**	**4**	**5**	**6**	**7**

8:00 AM

8 AM
Model Evaluation
Model Validation

9 AM

Model Accuracy
Model Performance

10:00 AM

10 AM

12:00 PM

11 AM

EFFECTS ON CROP YIELD

Climate Soil Fertility Pests and Diseases
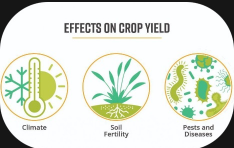
Decision
Nearest Neighbors

12 PM
Model
Model Reliability

Data Preparation

Data Cleaning, Scaling

9 AM
Feature
Algorithm Comparison

2:00 PM

1 PM

Model
Model Transparency

2 PM
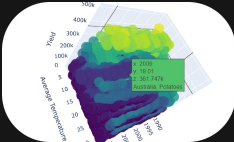
Model Confidence
Model Uncertainty

4:00 PM

6:00 PM

AI Insights

Exit