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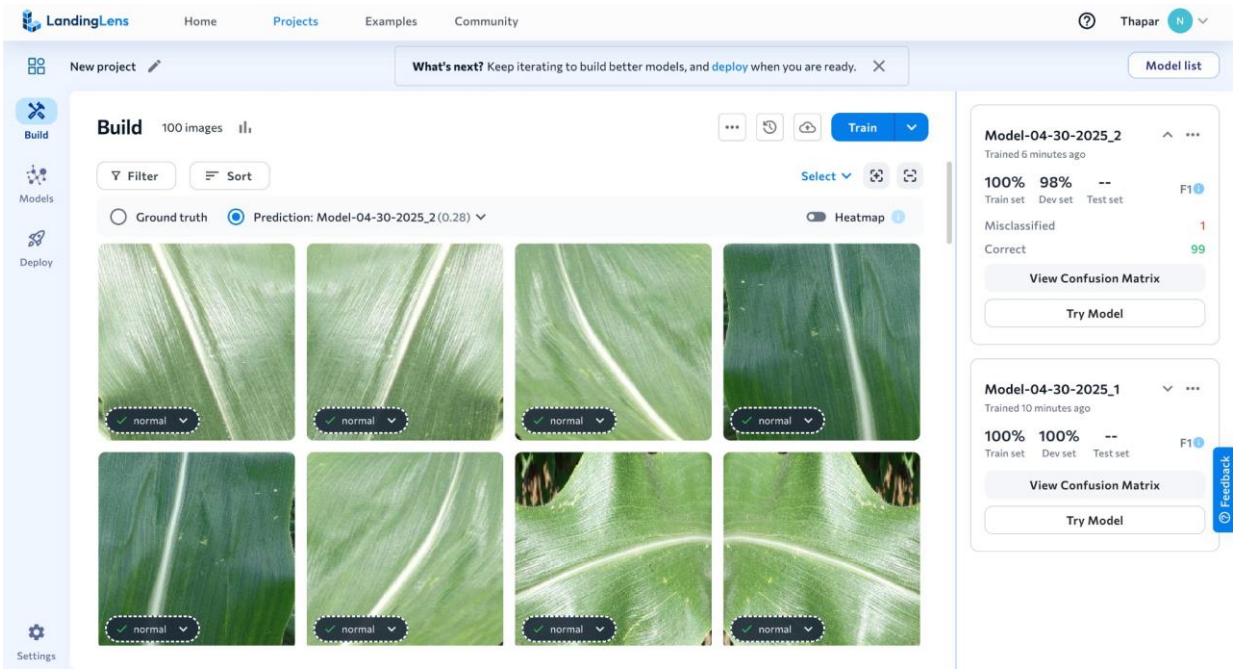
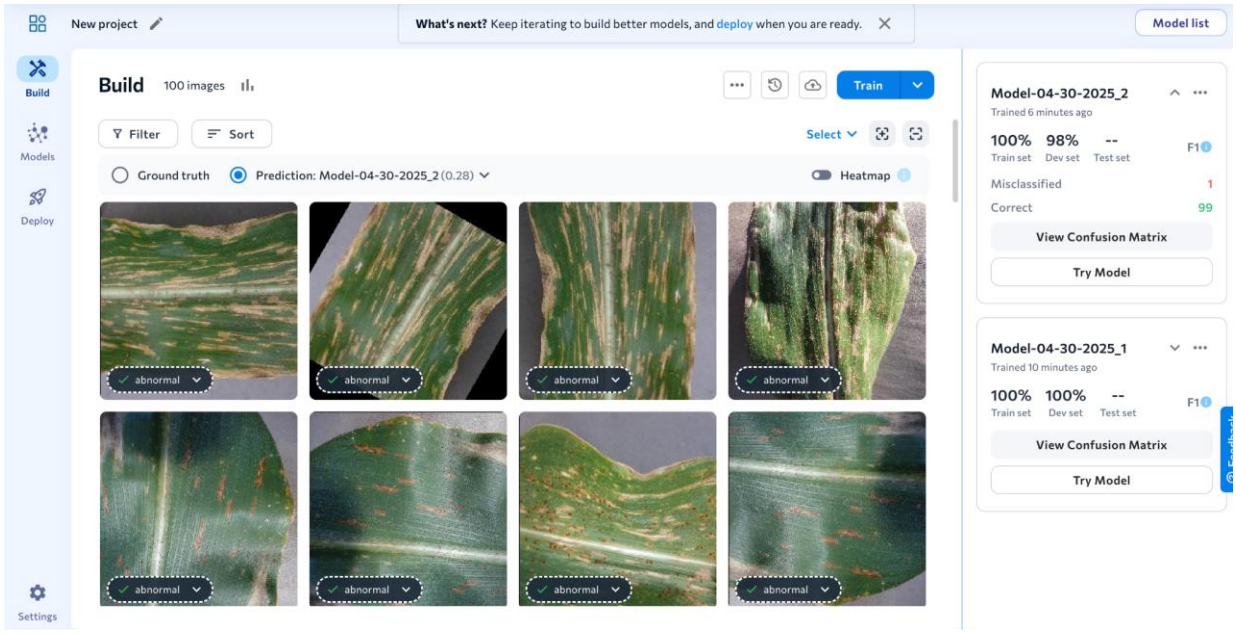
2Q16

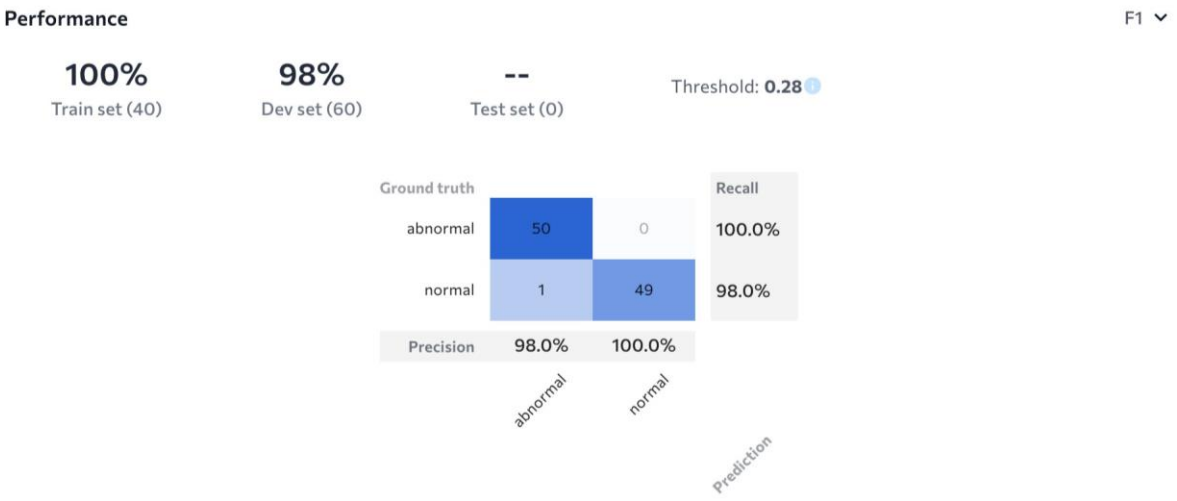
Lab Assignemnt-11

Cognitive Computing UCS420
Landing AI (Vision-based Cognitive System)

This project involves developing a corn anomaly detection model using LandingAI's computer vision platform to identify unhealthy corn plants. Leveraging the Anomaly Detection project type, the model uses binary classification to differentiate between healthy corn and abnormal, potentially diseased samples. Each image is labeled as either "Normal" or "Abnormal," enabling the model to detect irregularities in corn leaf patterns.

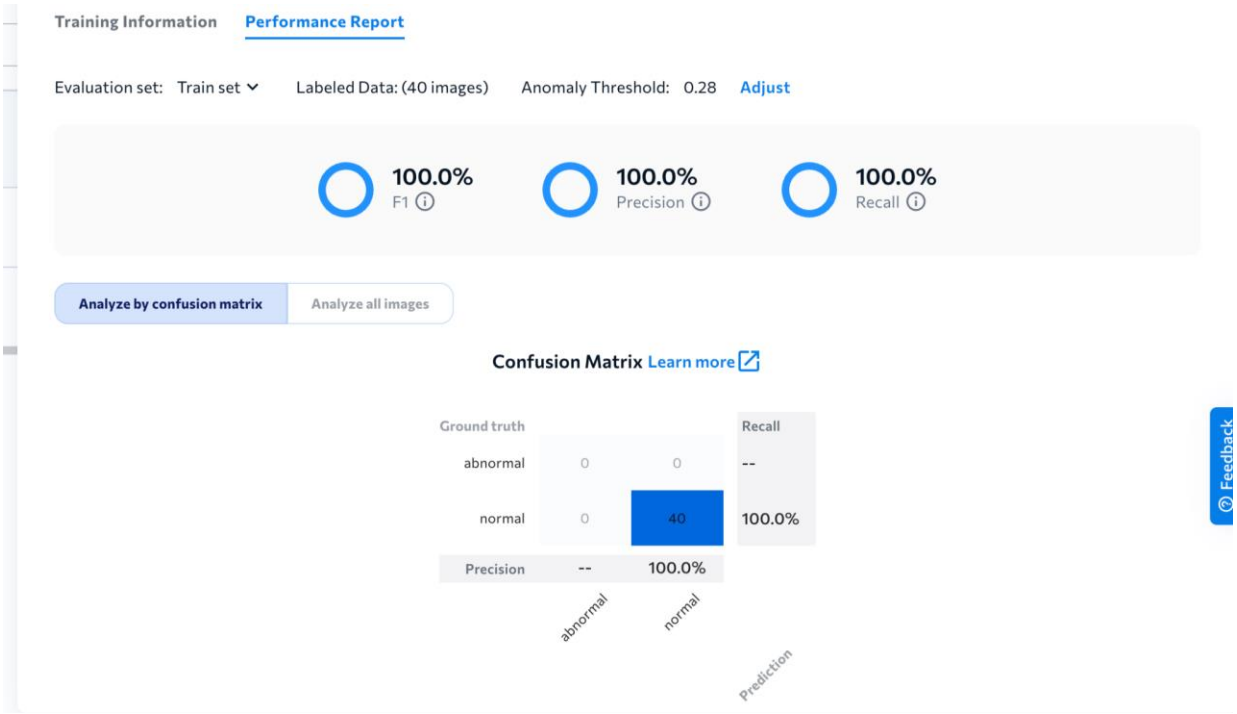


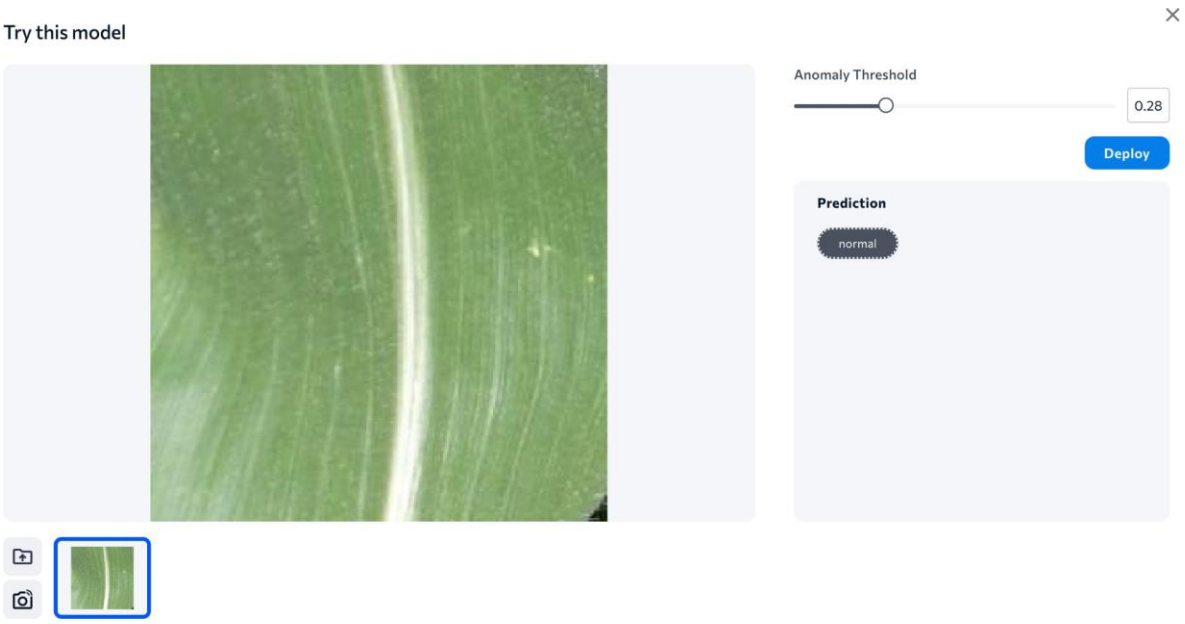




To adjust the anomaly threshold, view visual predictions, or add your own evaluation set, please access the full report on the Models page.

View Full Report


Training Information
Performance Report
Evaluation set: Train set
Labeled Data: (40 images)
Anomaly Threshold: 0.28
Adjust
100.0%
F1
100.0%
Precision
100.0%
Recall
Analyze by confusion matrix
Analyze all images
Confusion Matrix Learn more
Ground truth
Recall
abnormal
0
0
--
normal
0
40
100.0%
Precision
--
100.0%
abnormal
normal
Prediction
Feedback


Try this model
Anomaly Threshold
0.28
Deploy
Prediction
normal