

ASSIGNMENT-11

Q Emotion-aware Cognitive Assistant using Facial Expression Detection

This project aims to develop a smart cognitive assistant capable of recognizing human emotions in real time through facial expression detection, built using Landing.ai's platform. By leveraging computer vision and deep learning models, the system analyzes facial cues captured via a webcam and classifies emotions such as happiness, sadness, anger, and neutrality.

Project Creation Page

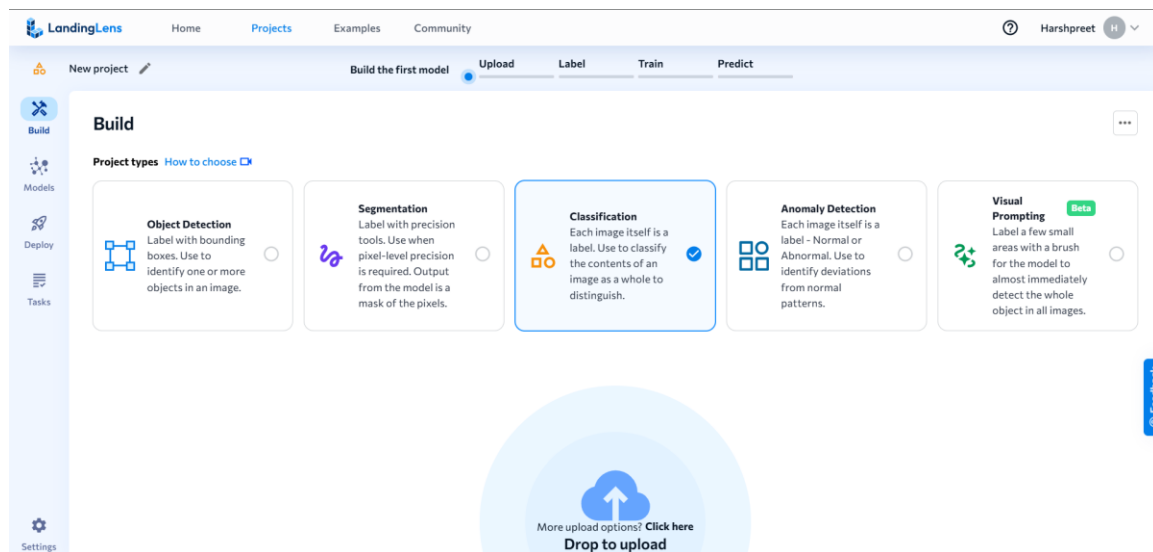
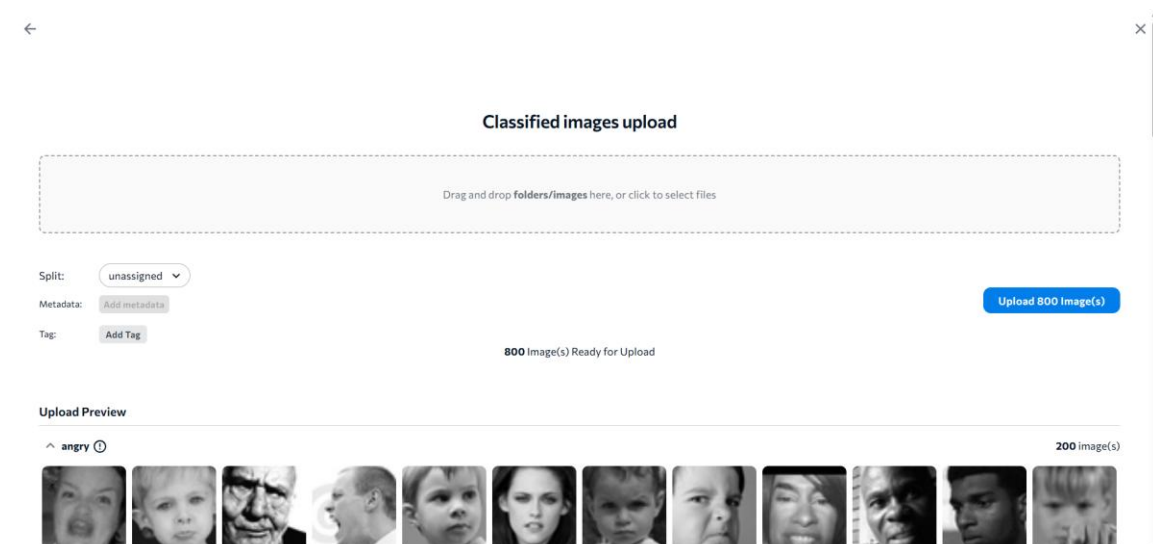
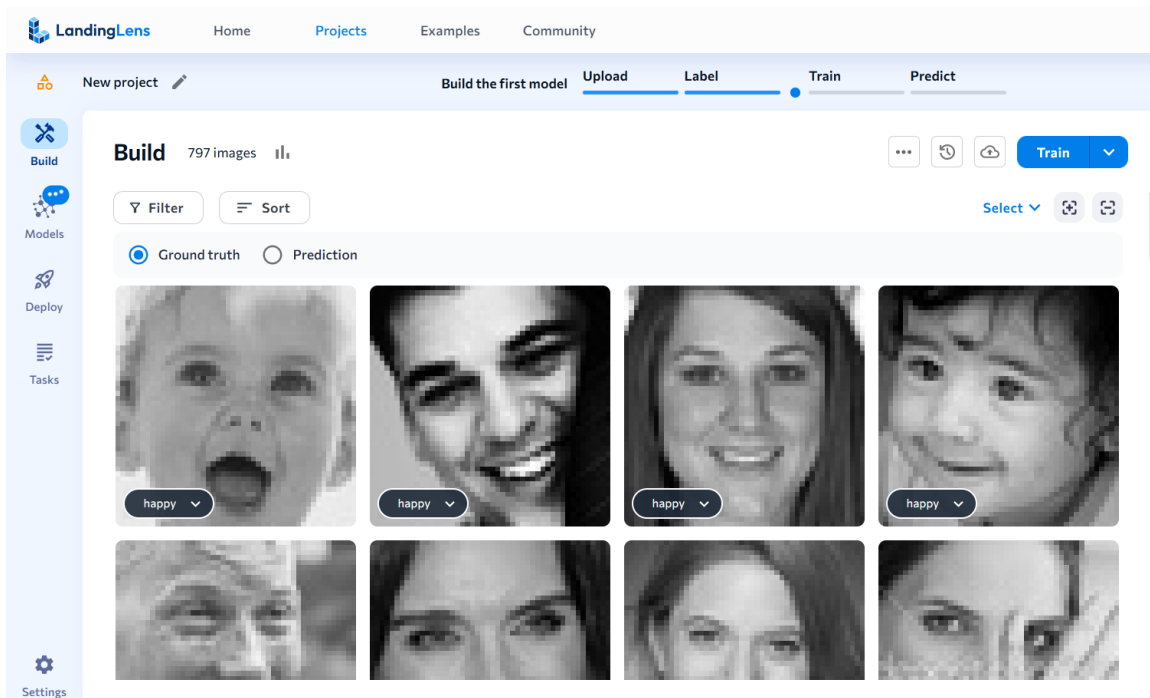


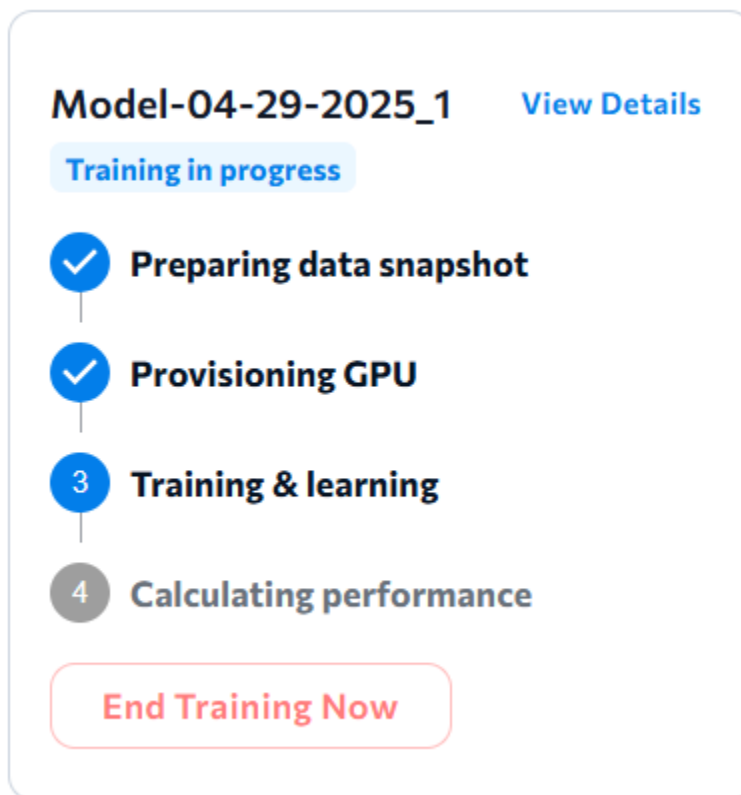
Image Upload Step



Annotation/Labeling Tool



Training Progress

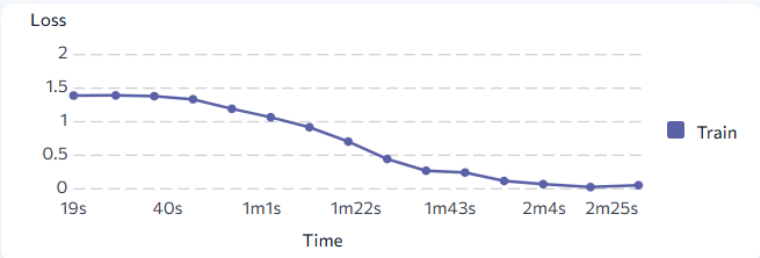


Testing Results

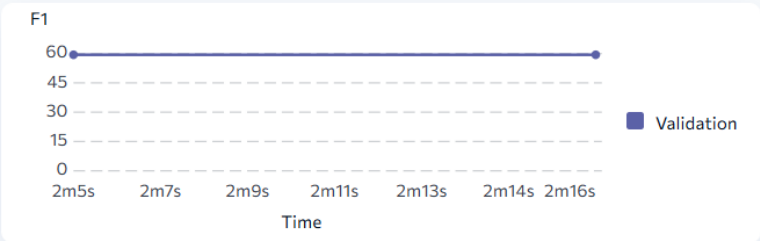
Model-04-29-2025_1

Training Information Performance Report

Loss Chart



Validation Chart



Reading Labels of medicine bottle

This project utilizes Landing.ai platform to build AI-powered system capable of reading and interpreting printed labels on medicine bottles. Using a no-code/low-code approach, the model was trained to detect and extract key information such as medicine name, dosage, expiry date, and instructions directly from images of the bottle labels.

Project Creation Page

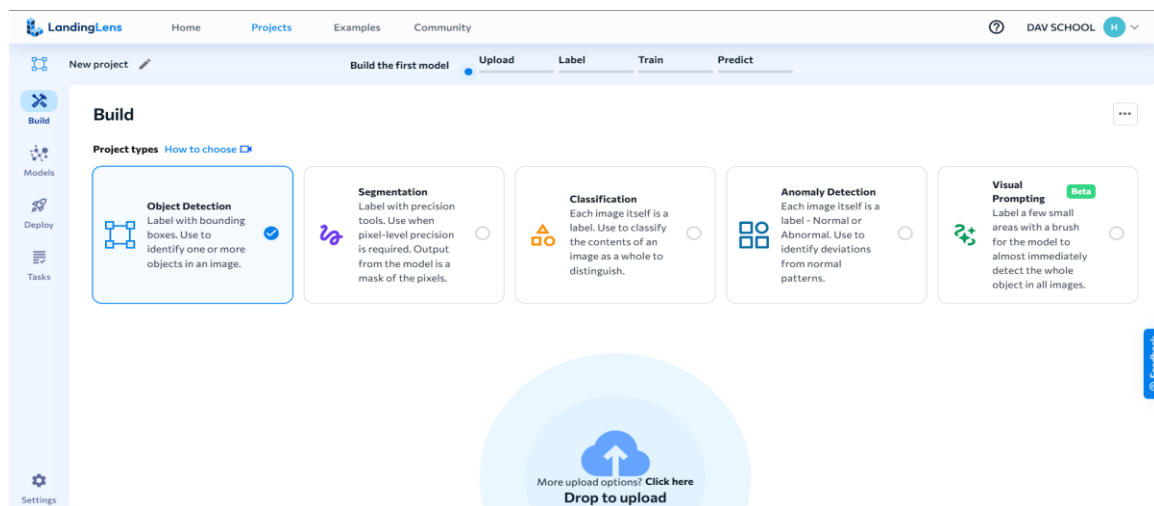
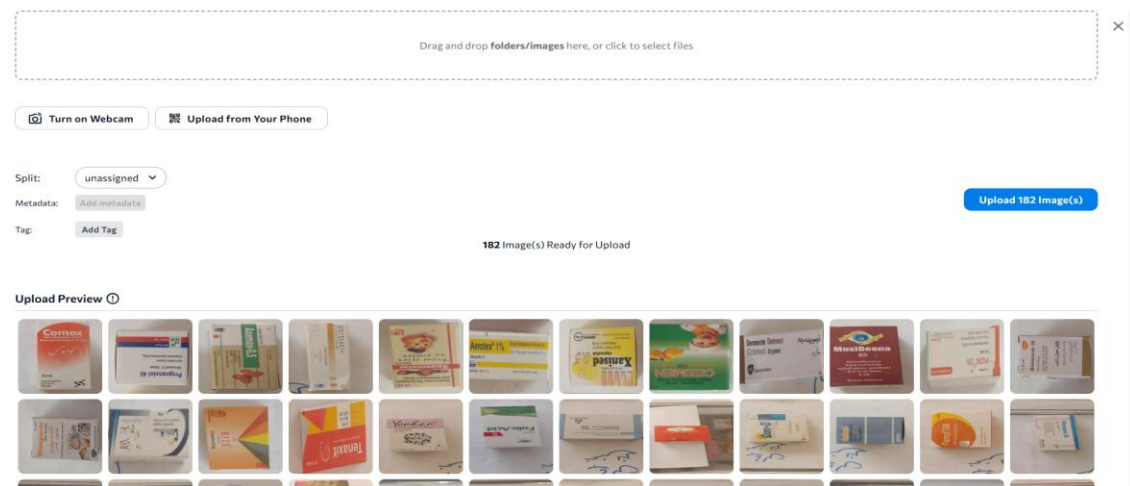


Image Upload Step




Annotation/Labeling Tool

Build 182 images

... [Upgrade to Train](#)

Images Instances **Filter** **Sort** [Select](#)

☒ Ground truth ☒ Prediction: Model-04-29-2025_1 (0.43)



Training Progress


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Build 182 images

Images Instances **Filter** **Sort** [Select](#)

☒ Ground truth ☐ Prediction: No models available



Model-04-29-2025_1 [View Details](#)

Training in progress

- ☒ Preparing data snapshot
- ☒ Provisioning GPU
- ☒ Training & learning
- ☐ Calculating performance

[End Training Now](#)

[Feedback](#)

Testing Results

Model-04-29-2025_1

Training Information

Performance Report

Loss Chart

