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2Q16

Lab Assignment 11

Cognitive Computing UCS420

Landing AI (Vision-based Cognitive System)

This project is a Stationery detection model built using LandingAI's computer vision platform to classify the stationery items. Using the Classification project type, the model applies Classification approach to find which Stationery item is shown to it. Each image is labelled into pen, scale, eraser, sharpner.

The screenshot displays the LandingLens web interface for a project named 'Build' containing 10 images. The interface includes a sidebar with navigation options: Build, Models, Deploy, Tasks, and Settings. The main area shows a grid of six images with their predicted labels and confidence scores:

- Sharpener 0.98 (Blue sharpener)
- Sharpener 0.98 (Green sharpener)
- Sharpener 0.74 (Blue sharpener)
- Eraser 0.99 (Camlin eraser)
- Eraser 0.71 (Staedtler Mars plastic eraser)
- Eraser 0.99 (Pink eraser)

On the right, a panel for 'Model-04-24-2025_1' shows performance metrics: 100% Train set, 100% Dev set, and -- Test set. The F1 score is 10. Below the metrics are buttons for 'View Confusion Matrix' and 'Try Model'. A 'Feedback' button is located at the bottom right of the interface.

LandingLens

HomeProjectsExamplesCommunity

2Q16

New project

Model list

Build

Models

Deploy


Tasks

Settings


Build

10 images

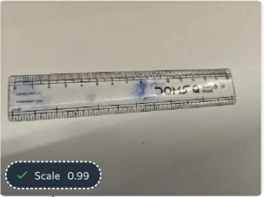
Train



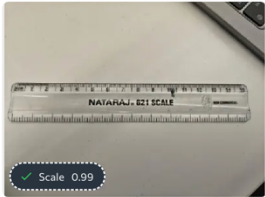
Pen 0.99



Pen 0.99



Scale 0.99



Scale 0.99

Correct Prediction. Ground Truth: Scale.

Model-04-24-2025_1

Trained 6 days ago

100%

100%

--

F1

Train set

Dev set

Test set

Correct 10

View Confusion Matrix

Try Model

Feedback

Build

Models

Deploy

Tasks

Settings

Models

Search by model name, creator

Model

Model-04-30-2025_1
Default configuration

Model-04-24-2025_1
Default configuration

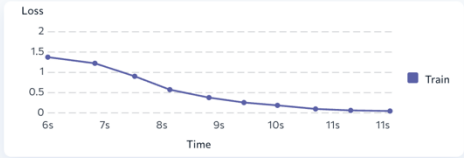
Model-04-30-2025_1

Expand

Training Information

Performance Report

Loss Chart



Validation Chart

No data available. The Validation Chart only displays when the Dev set has at least 6 images.

Trained from

AutoGenerated-04-30-2025_1

Split

Split distribution on labeled images

8

2

0

0

train

dev

test

unassigned

View Images

Feedback

Model-04-30-2025_1

Try Model

Download CSV

...

Performance

F1

100%
Train set (8)

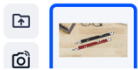
100%
Dev set (2)

--
Test set (0)

Ground truth	Sharpener	Eraser	Pen	Scale	No prediction	Recall
Sharpener	3	0	0	0	0	100.0%
Eraser	0	3	0	0	0	100.0%
Pen	0	0	2	0	0	100.0%
Scale	0	0	0	2	0	100.0%
No label	0	0	0	0	--	
Precision	100.0%	100.0%	100.0%	100.0%		
	Sharpener	Eraser	Pen	Scale	No prediction	Prediction

Try this model

×



Deploy

Prediction

Pen 0.67