

Akshansh Vij
102317156
2Q16

Lab Assignment-11

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

This project is a classification model built using LandingAI's computer vision platform to distinguish between two types of stationary items: pens and scales. Utilizing the **Classification** project type, the model applies a multi-class classification approach to categorize input images into one of two classes: "**Keyboard(B)**" or "**Mouse(A)**". By training on labeled images of both categories, the model learns to accurately identify and differentiate between these common stationary items based on visual features.

Project Creation Page

The screenshot shows the LandingLens interface for project creation. The top navigation bar includes links for Home, Projects, Examples, and Community, along with a user profile for Tj Thapar Institute of Engineering & Technology. The main workspace is titled "Build the first model" and shows five project types: Object Detection, Segmentation, Classification (selected), Anomaly Detection, and Visual Prompting (Beta). A central "Drop to upload" area is available for file uploads. Navigation icons on the left include Build, Models, Deploy, and Tasks, with Settings at the bottom. A feedback button is located on the right side.

Image upload

← X

Classified images upload

Drag and drop **folders/images** here, or click to select files

Split:

Metadata:

Tag:

Upload 18 Image(s)

18 Image(s) Ready for Upload

Upload Preview

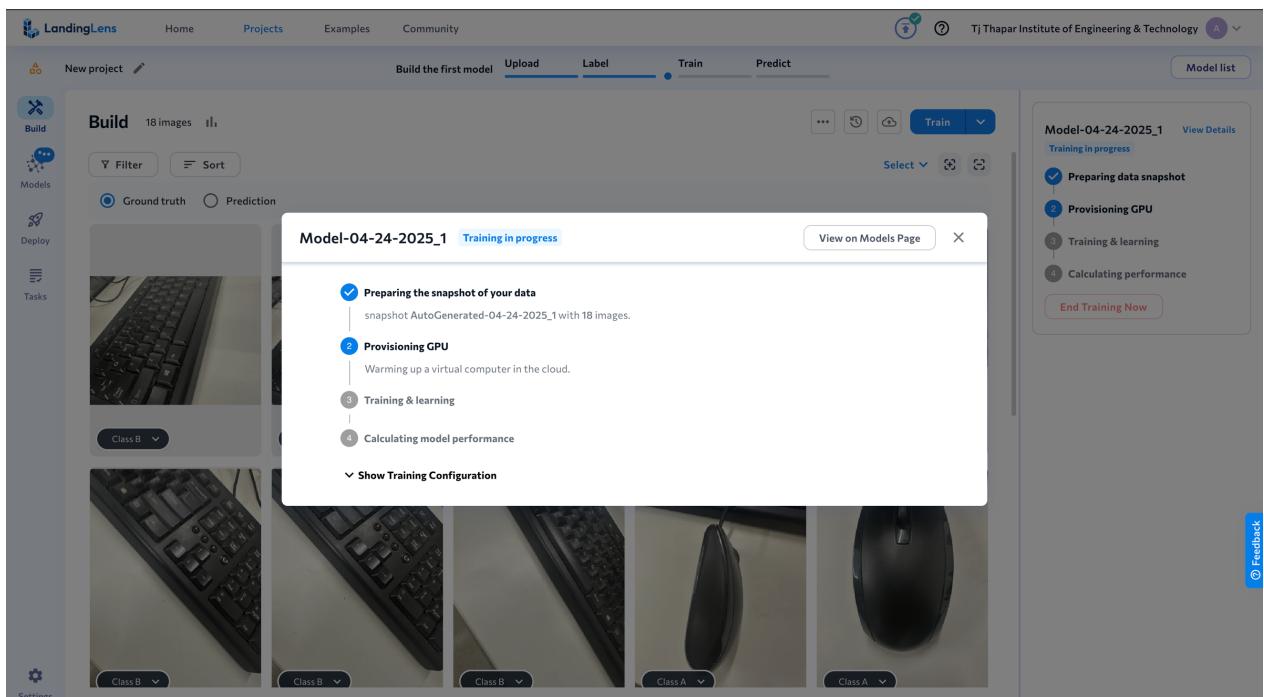
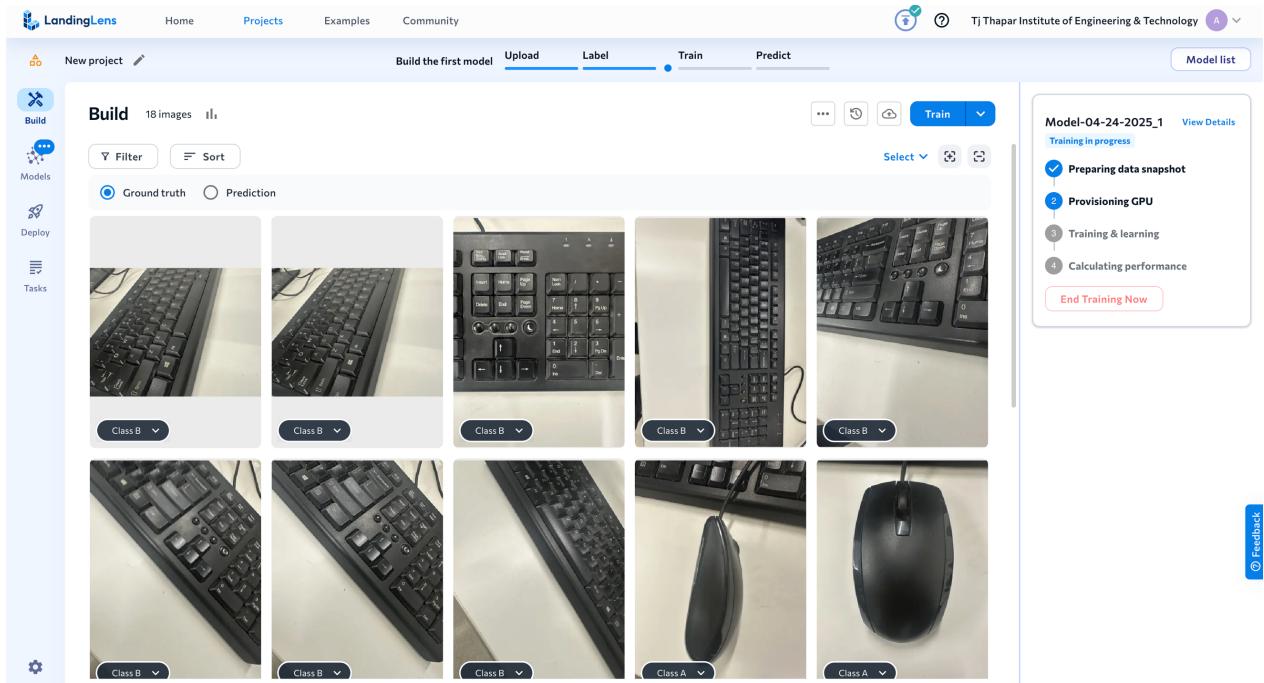
^ Class A 10 image(s)



^ Class B 8 image(s)



Training Process



Testing Results

