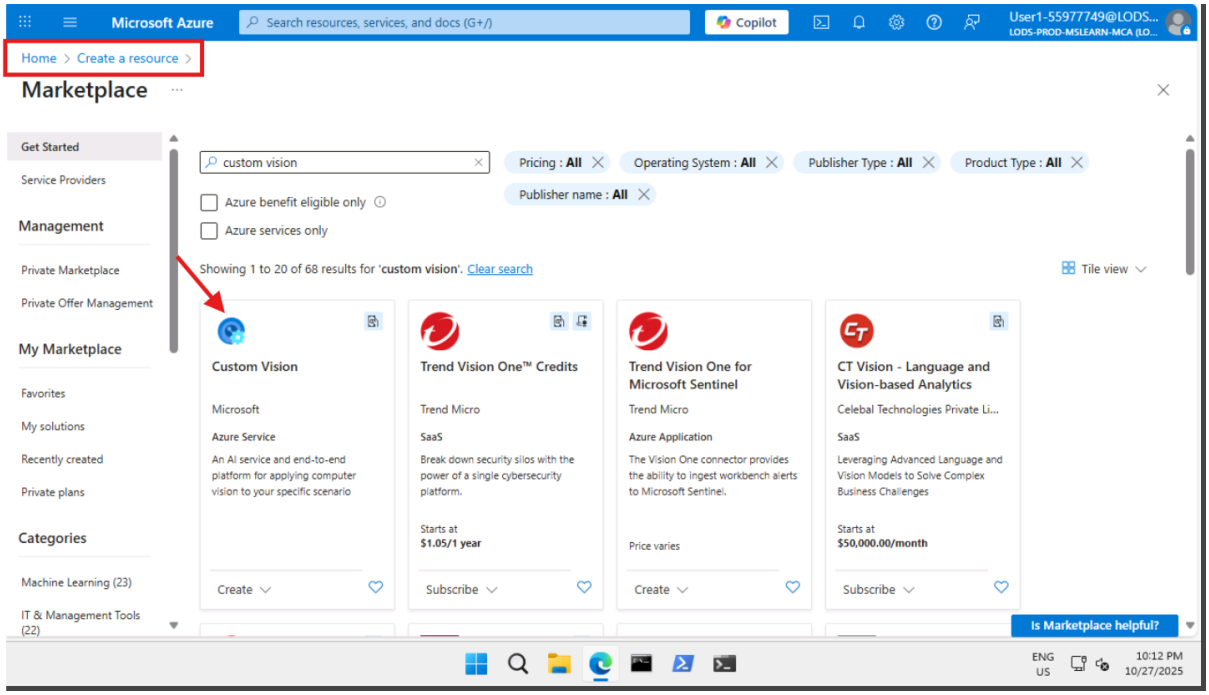
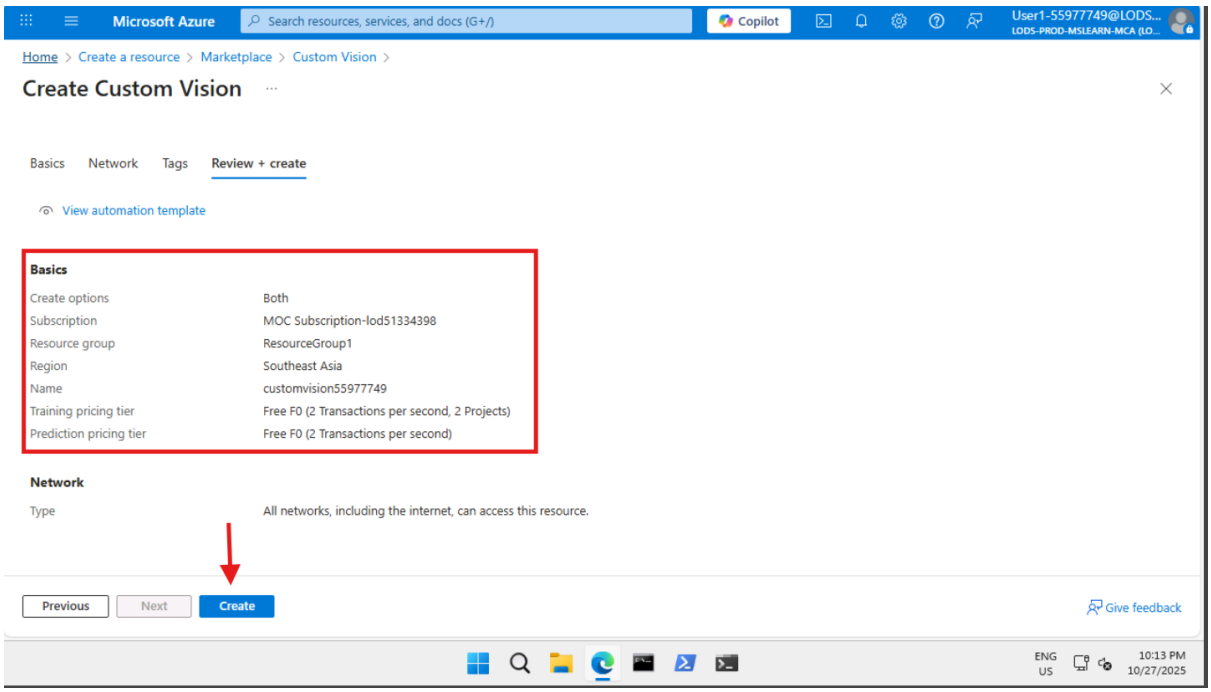
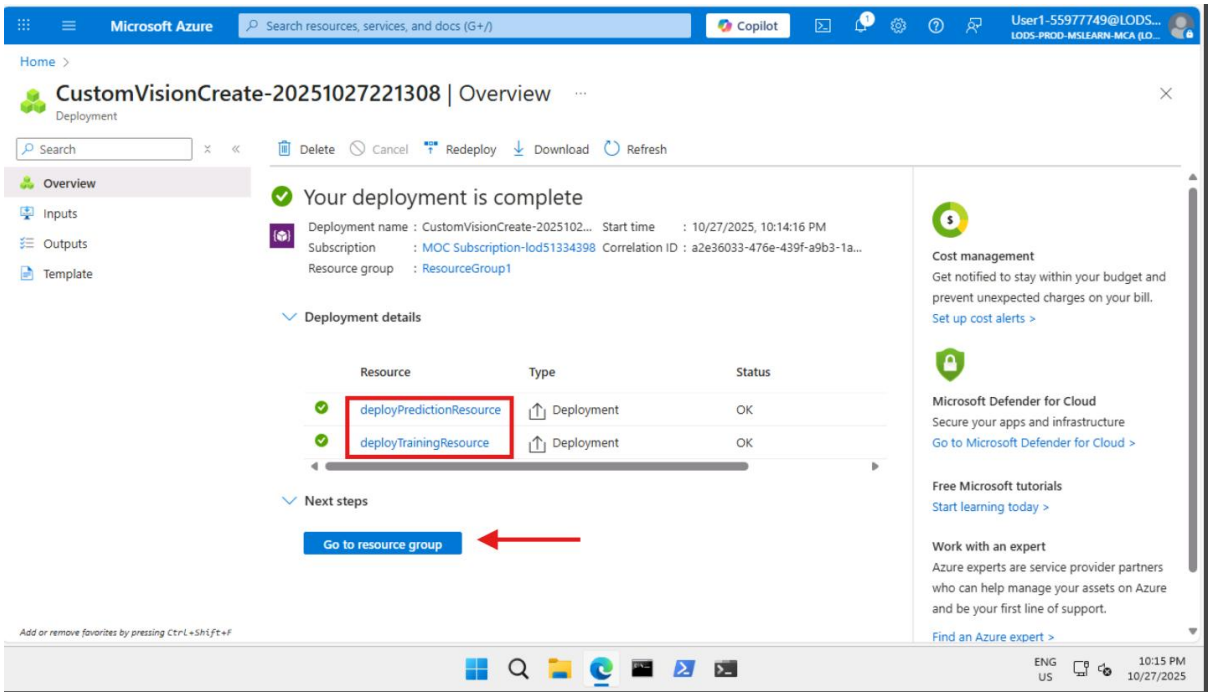
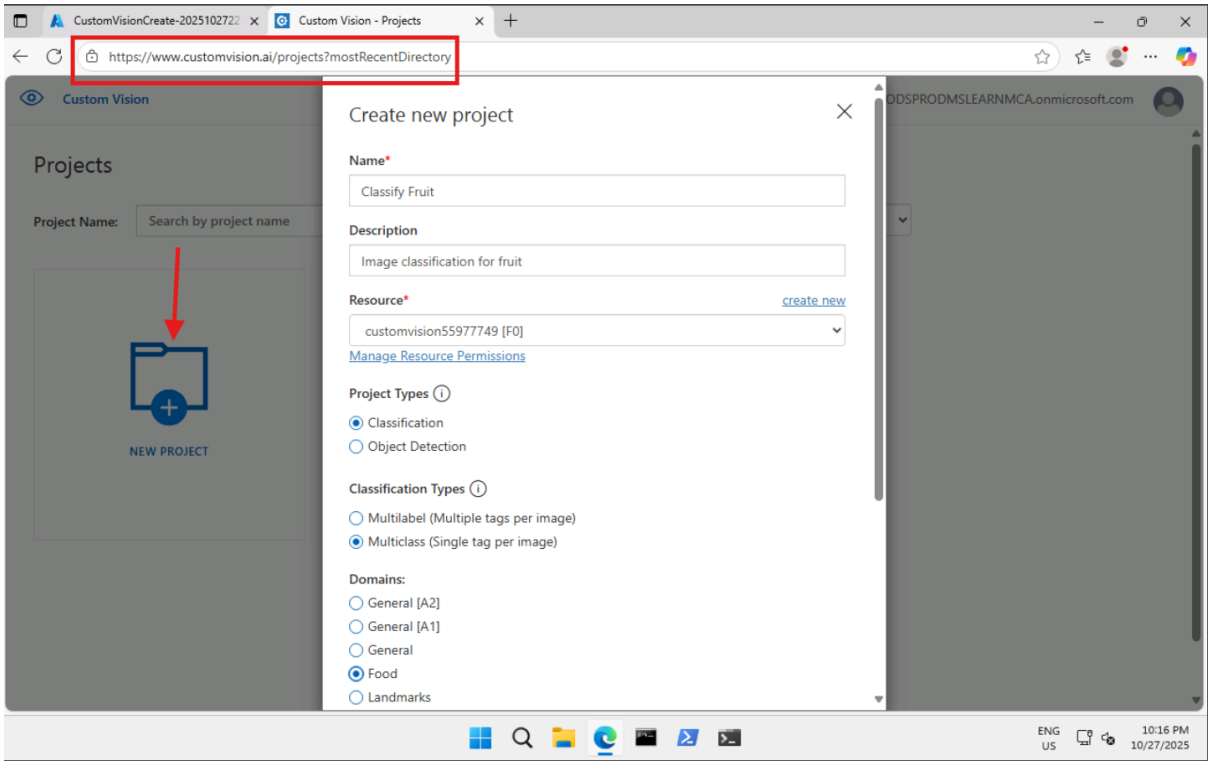
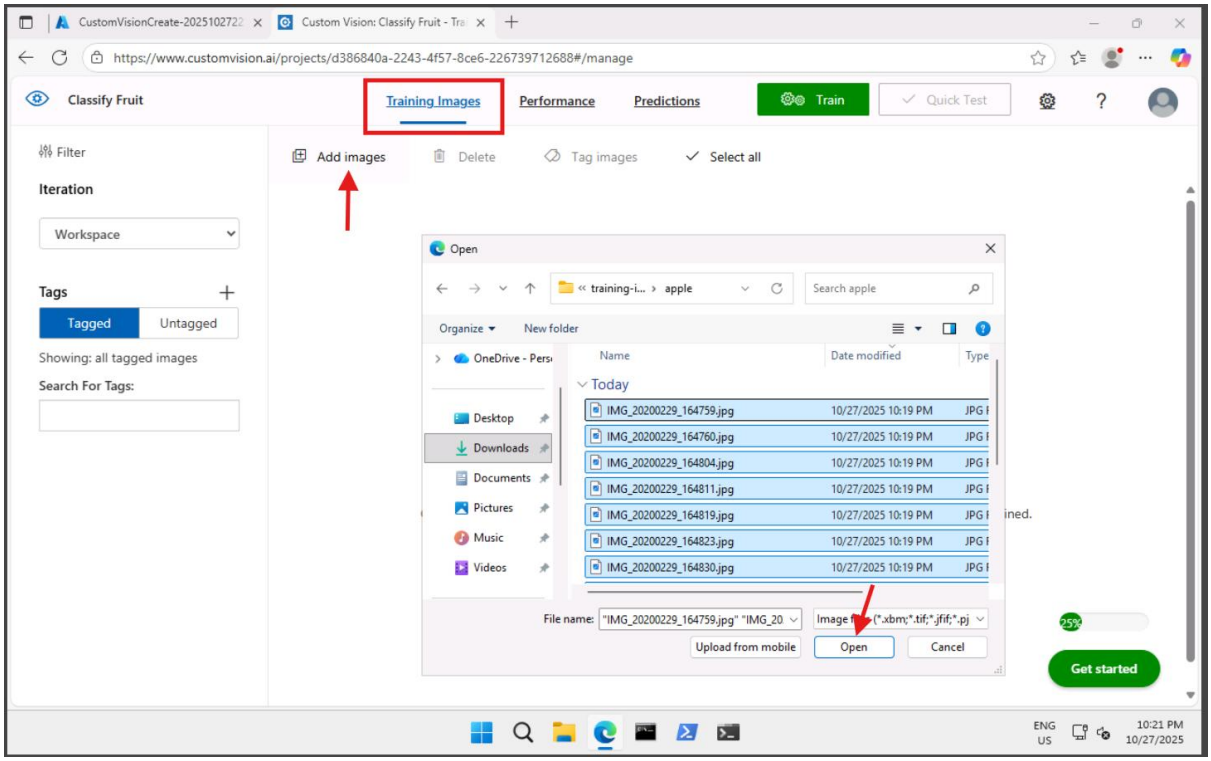
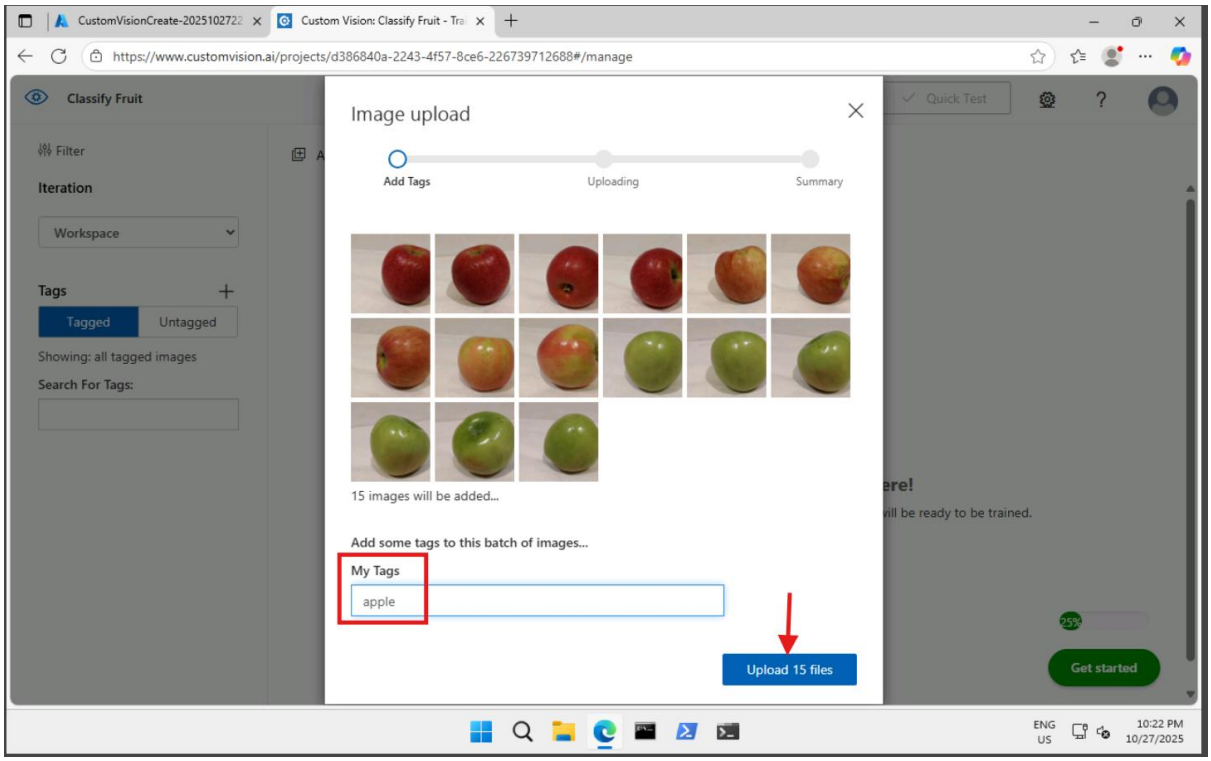

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
User1-55977749@LODS...
LODS-PROD-MSLEARN-MCA (LO...
Home > Create a resource >
Marketplace
Get Started
Service Providers
Management
Private Marketplace
Private Offer Management
My Marketplace
Favorites
My solutions
Recently created
Private plans
Categories
Machine Learning (23)
IT & Management Tools (22)
custom vision
Pricing : All
Operating System : All
Publisher Type : All
Product Type : All
Publisher name : All
Azure benefit eligible only
Azure services only
Showing 1 to 20 of 68 results for 'custom vision'. Clear search
Tile view
Custom Vision
Microsoft
Azure Service
An AI service and end-to-end platform for applying computer vision to your specific scenario
Create
Trend Vision One™ Credits
Trend Micro
SaaS
Break down security silos with the power of a single cybersecurity platform.
Starts at
$1.05/1 year
Subscribe
Trend Vision One for Microsoft Sentinel
Trend Micro
Azure Application
The Vision One connector provides the ability to ingest workbench alerts to Microsoft Sentinel.
Price varies
Create
CT Vision - Language and Vision-based Analytics
Celebal Technologies Private Li...
SaaS
Leveraging Advanced Language and Vision Models to Solve Complex Business Challenges
Starts at
$50,000.00/month
Subscribe
Is Marketplace helpful?
ENG
US
10:12 PM
10/27/2025

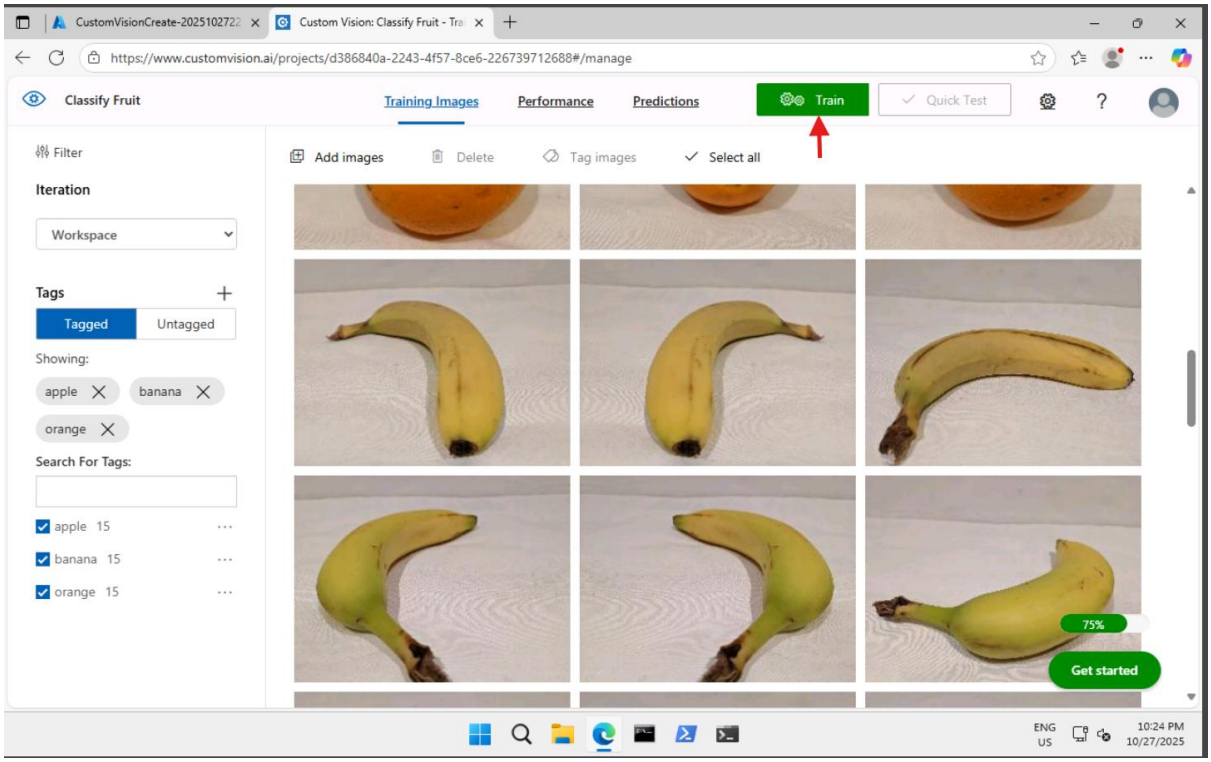

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
User1-55977749@LODS...
LODS-PROD-MSLEARN-MCA (LO...
Home > Create a resource > Marketplace > Custom Vision >
Create Custom Vision
Basics
Network
Tags
Review + create
View automation template
Basics
Create options Both
Subscription MOC Subscription-lod51334398
Resource group ResourceGroup1
Region Southeast Asia
Name customvision55977749
Training pricing tier Free F0 (2 Transactions per second, 2 Projects)
Prediction pricing tier Free F0 (2 Transactions per second)
Network
Type All networks, including the internet, can access this resource.
Previous
Next
Create
Give feedback
ENG
US
10:13 PM
10/27/2025

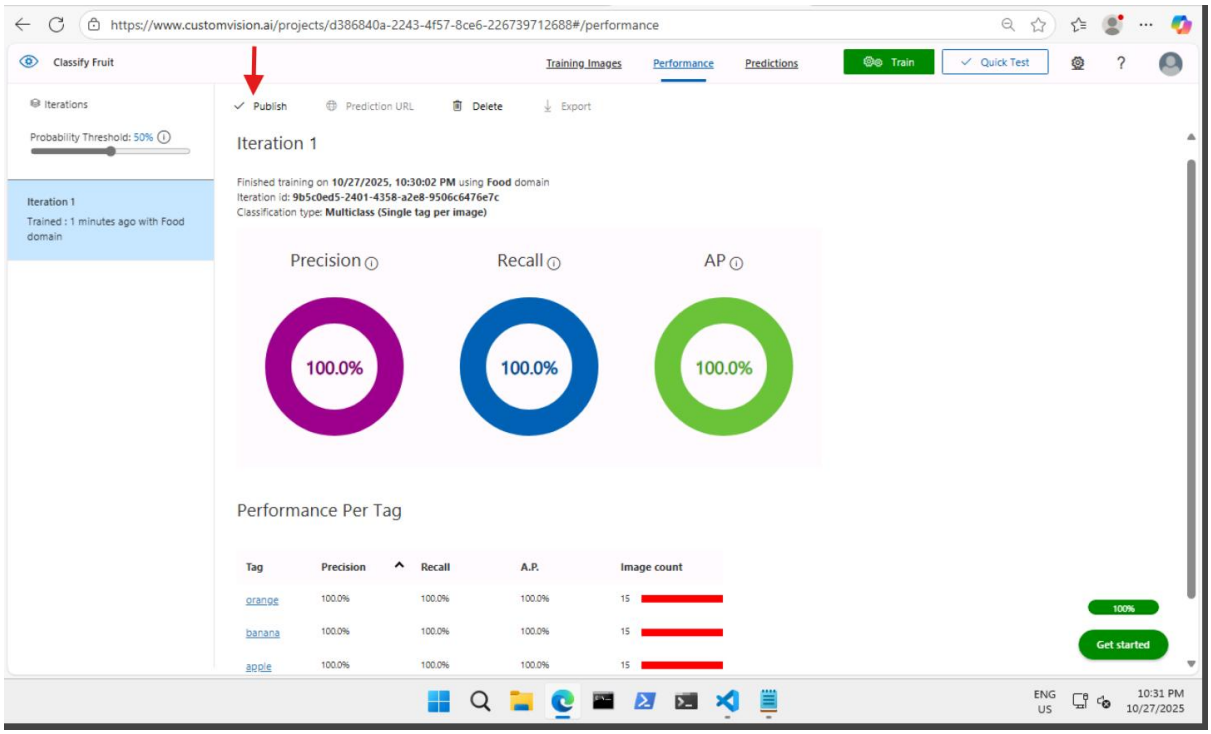

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Home
CustomVisionCreate-20251027221308 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name : CustomVisionCreate-2025102...
Start time : 10/27/2025, 10:14:16 PM
Subscription : MOC Subscription-lod51334398
Correlation ID : a2e36033-476e-439f-a9b3-1a...
Resource group : ResourceGroup1
Deployment details
Resource
Type
Status
deployPredictionResource
Deployment
OK
deployTrainingResource
Deployment
OK
Next steps
Go to resource group
Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >
Free Microsoft tutorials
Start learning today >
Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >
Add or remove favorites by pressing Ctrl+Shift+F
ENG
US
10:15 PM
10/27/2025

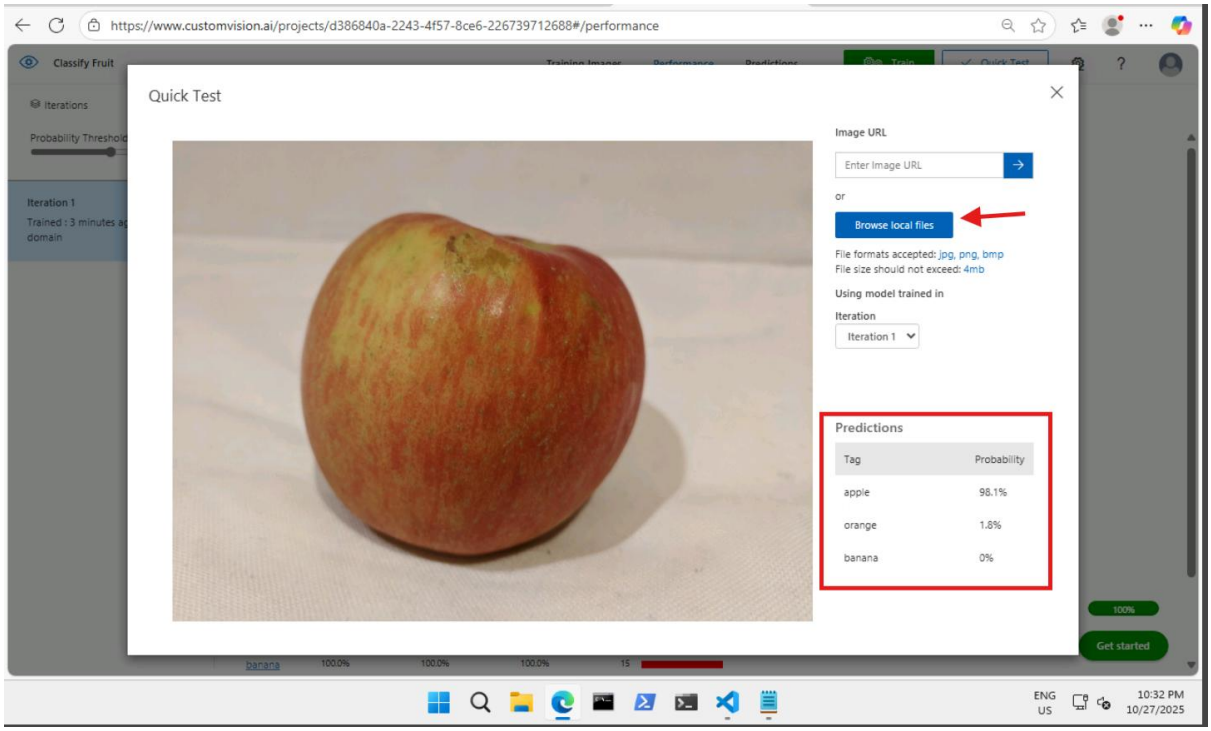

Custom Vision - Projects
https://www.customvision.ai/projects?mostRecentDirectory
Custom Vision
Projects
Project Name:
Search by project name
NEW PROJECT
Create new project
Name*
Classify Fruit
Description
Image classification for fruit
Resource*
create new
customvision55977749 [F0]
Manage Resource Permissions
Project Types
Classification
Object Detection
Classification Types
Multilabel (Multiple tags per image)
Multiclass (Single tag per image)
Domains:
General [A2]
General [A1]
General
Food
Landmarks
ENG
US
10:16 PM
10/27/2025

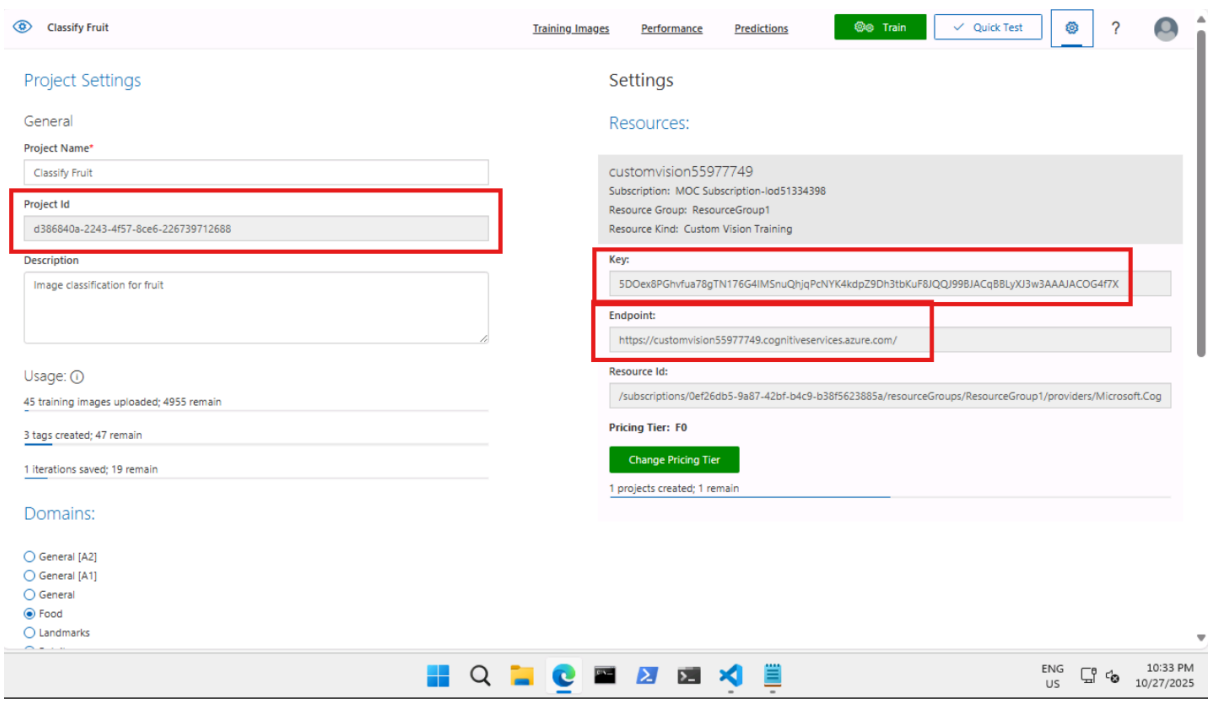

CustomVisionCreate-202510272
Custom Vision: Classify Fruit - Tra
https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/manage
Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Filter
Iteration
Workspace
Tags
Tagged
Untagged
Showing: all tagged images
Search For Tags:
Add images
Delete
Tag images
Select all
Open
training-i... › apple
Search apple
Organize
New folder
OneDrive - Pers
Name
Date modified
Type
Today
Desktop
Downloads
Documents
Pictures
Music
Videos
IMG_20200229_164759.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164760.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164804.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164811.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164819.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164823.jpg 10/27/2025 10:19 PM JPG
IMG_20200229_164830.jpg 10/27/2025 10:19 PM JPG
File name: "IMG_20200229_164759.jpg" "IMG_20
Upload from mobile
Open
Cancel
Get started
ENG
US
10:21 PM
10/27/2025

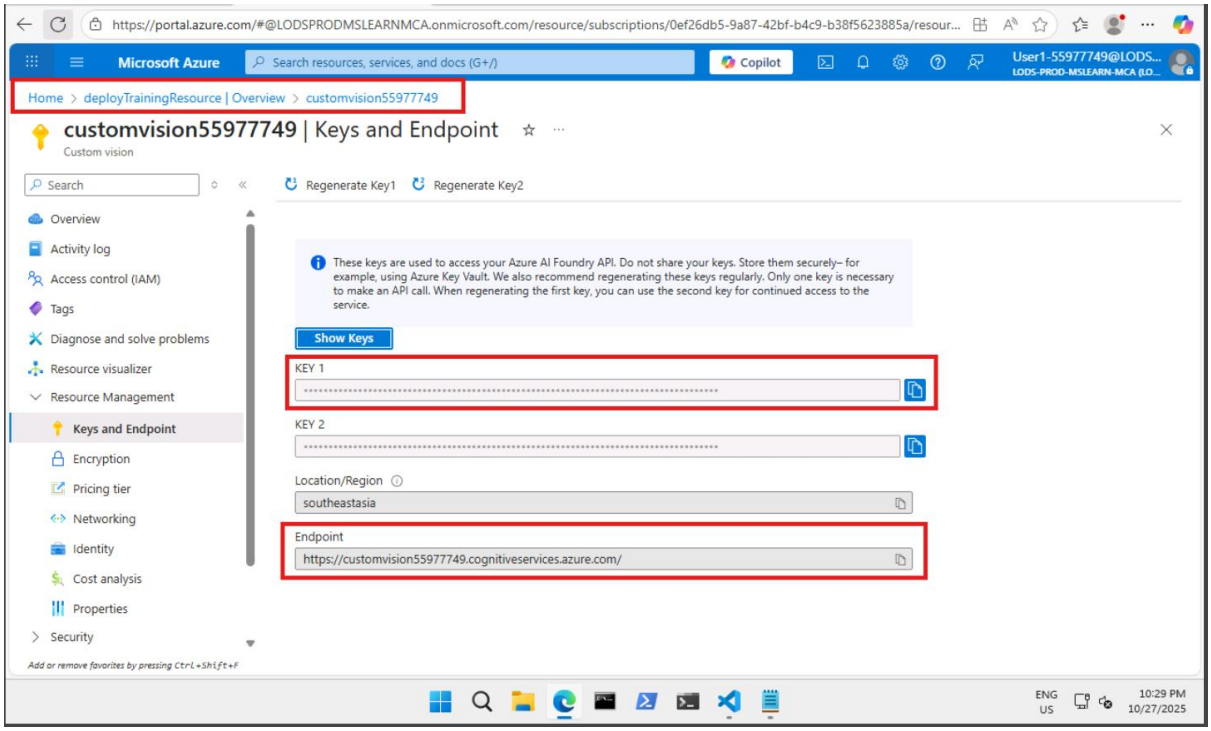

CustomVisionCreate-202510272
Custom Vision: Classify Fruit - Tra
https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/manage
Classify Fruit
Quick Test
Filter
Iteration
Workspace
Tags
Tagged
Untagged
Showing: all tagged images
Search For Tags:
Image upload
Add Tags
Uploading
Summary
15 images will be added...
Add some tags to this batch of images...
My Tags
apple
Upload 15 files
ere!
ill be ready to be trained.
Get started
ENG
US
10:22 PM
10/27/2025

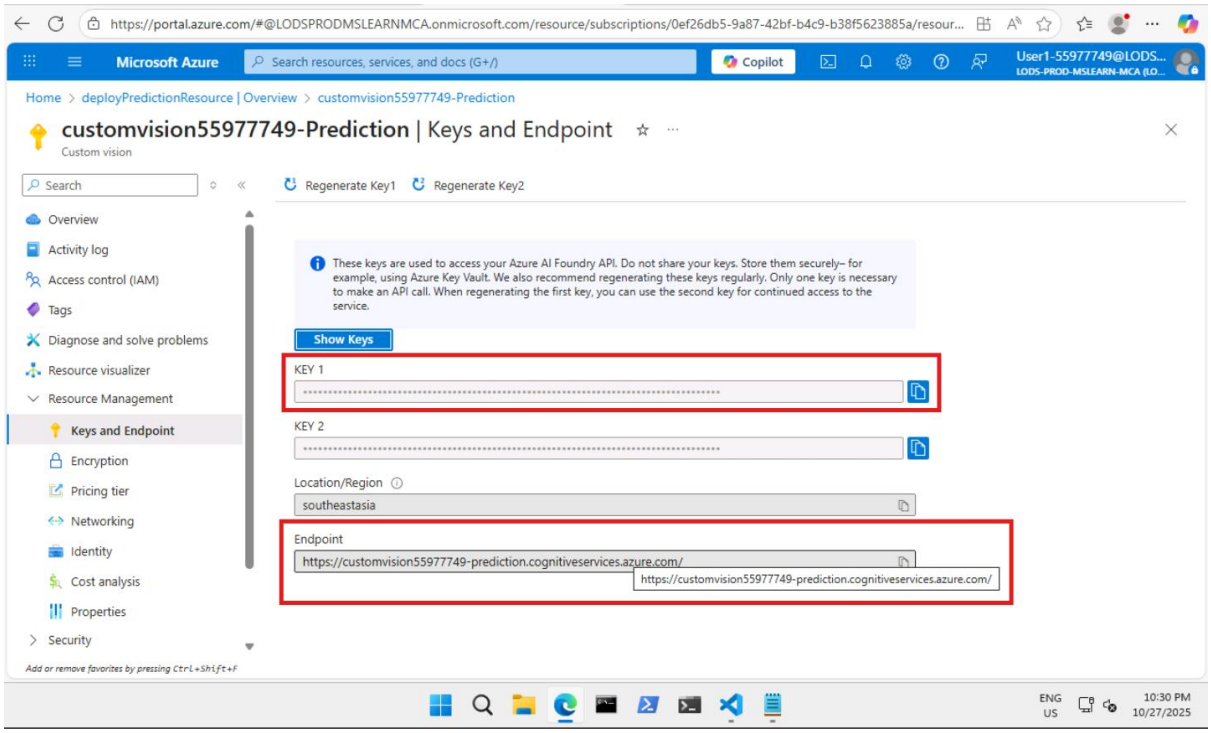

CustomVisionCreate-202510272
Custom Vision: Classify Fruit - Tra
https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/manage
Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Filter
Iteration
Workspace
Tags
Tagged
Untagged
Showing:
apple
banana
orange
Search For Tags:
apple 15
banana 15
orange 15
Add images
Delete
Tag images
Select all
75%
Get started
ENG
US
10:24 PM
10/27/2025

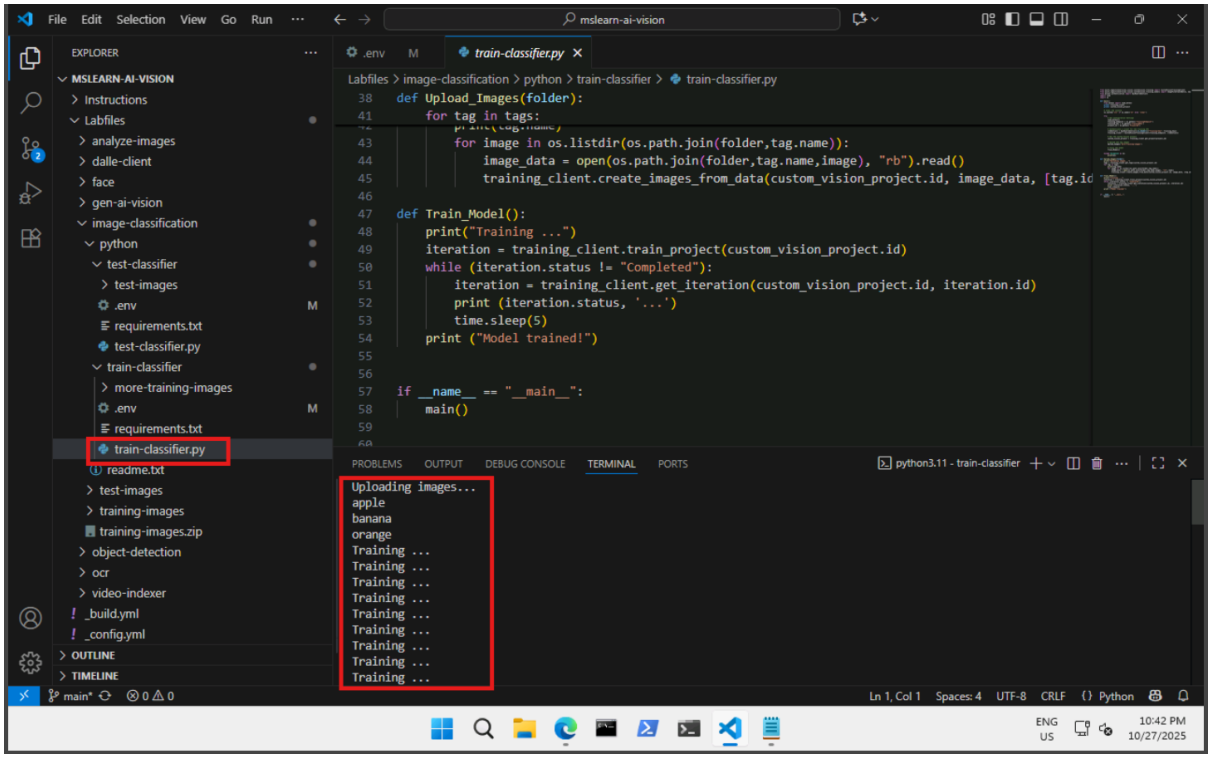

https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/performance
Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Iterations
Probability Threshold: 50%
Iteration 1
Trained : 1 minutes ago with Food domain
Publish
Prediction URL
Delete
Export
Iteration 1
Finished training on 10/27/2025, 10:30:02 PM using Food domain
Iteration id: 9b5c0ed5-2401-4358-a2e8-9506c6476e7c
Classification type: Multiclass (Single tag per image)
Precision
Recall
AP
100.0%
100.0%
100.0%
Performance Per Tag
Tag
Precision
Recall
A.P.
Image count
orange 100.0% 100.0% 100.0% 15
banana 100.0% 100.0% 100.0% 15
apple 100.0% 100.0% 100.0% 15
100%
Get started
ENG
US
10:31 PM
10/27/2025

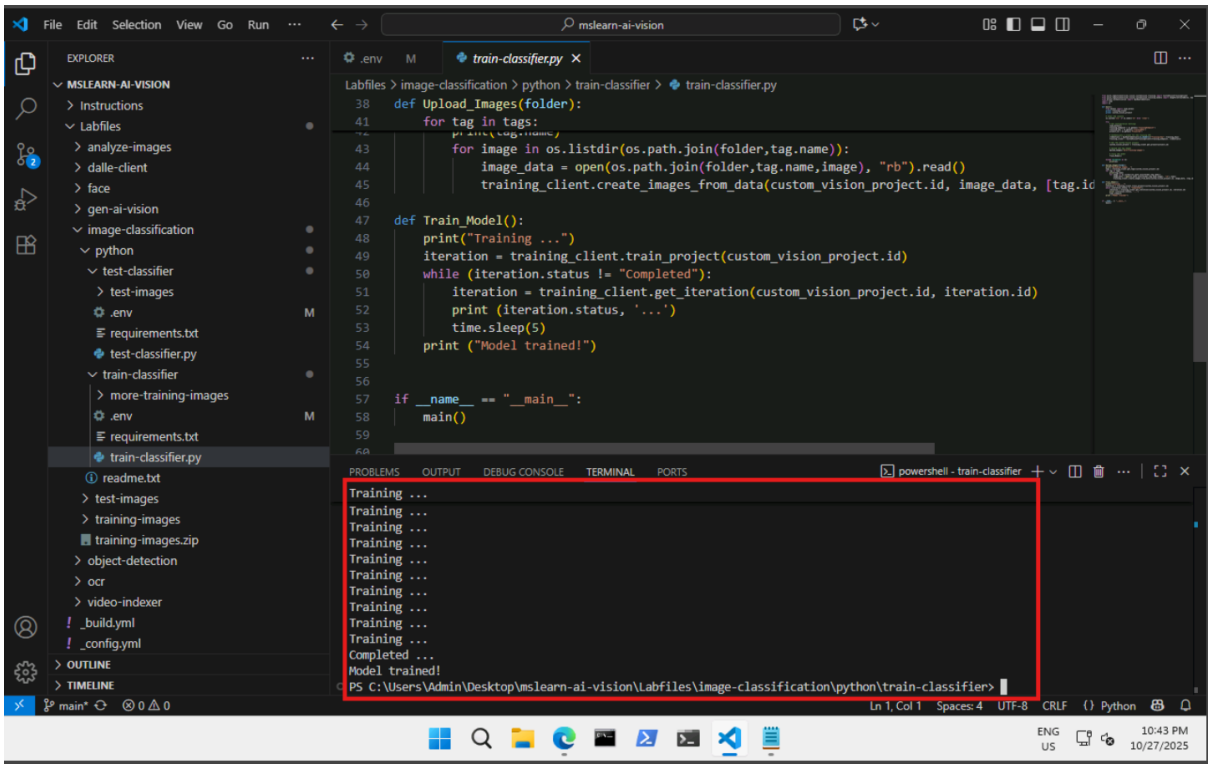

https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/performance
Classify Fruit
Quick Test
Image URL
Enter Image URL
or
Browse local files
File formats accepted: jpg, png, bmp
File size should not exceed: 4mb
Using model trained in
Iteration
Iteration 1
Predictions
Tag
Probability
apple
98.1%
orange
1.8%
banana
0%
Get started
ENG
US
10:32 PM
10/27/2025

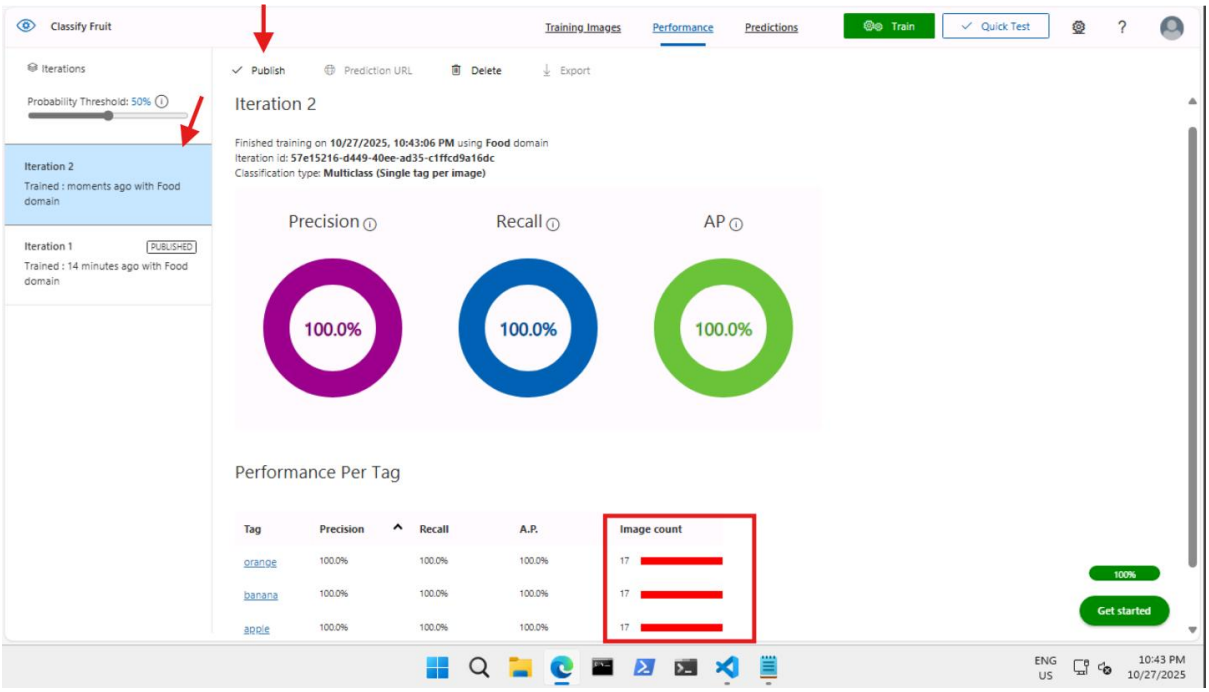

Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Project Settings
General
Project Name*
Classify Fruit
Project Id
d386840a-2243-4f57-8ce6-226739712688
Description
Image classification for fruit
Usage:
45 training images uploaded; 4955 remain
3 tags created; 47 remain
1 iterations saved; 19 remain
Domains:
General [A2]
General [A1]
General
Food
Landmarks
Settings
Resources:
customvision55977749
Subscription: MOC Subscription-lod51334398
Resource Group: ResourceGroup1
Resource Kind: Custom Vision Training
Key:
5DOex8PGhvfua78gTN176G4IM5nuQhjqPcNYK4kdpZ9Dh3tbKuF8JQQJ99BJACqBBLyXJ3w3AAAJACOG4f7X
Endpoint:
https://customvision55977749.cognitiveservices.azure.com/
Resource Id:
/subscriptions/0ef26db5-9a87-42bf-b4c9-b38f5623885a/resourceGroups/ResourceGroup1/providers/Microsoft.Cog
Pricing Tier: F0
Change Pricing Tier
1 projects created; 1 remain
ENG
US
10:33 PM
10/27/2025

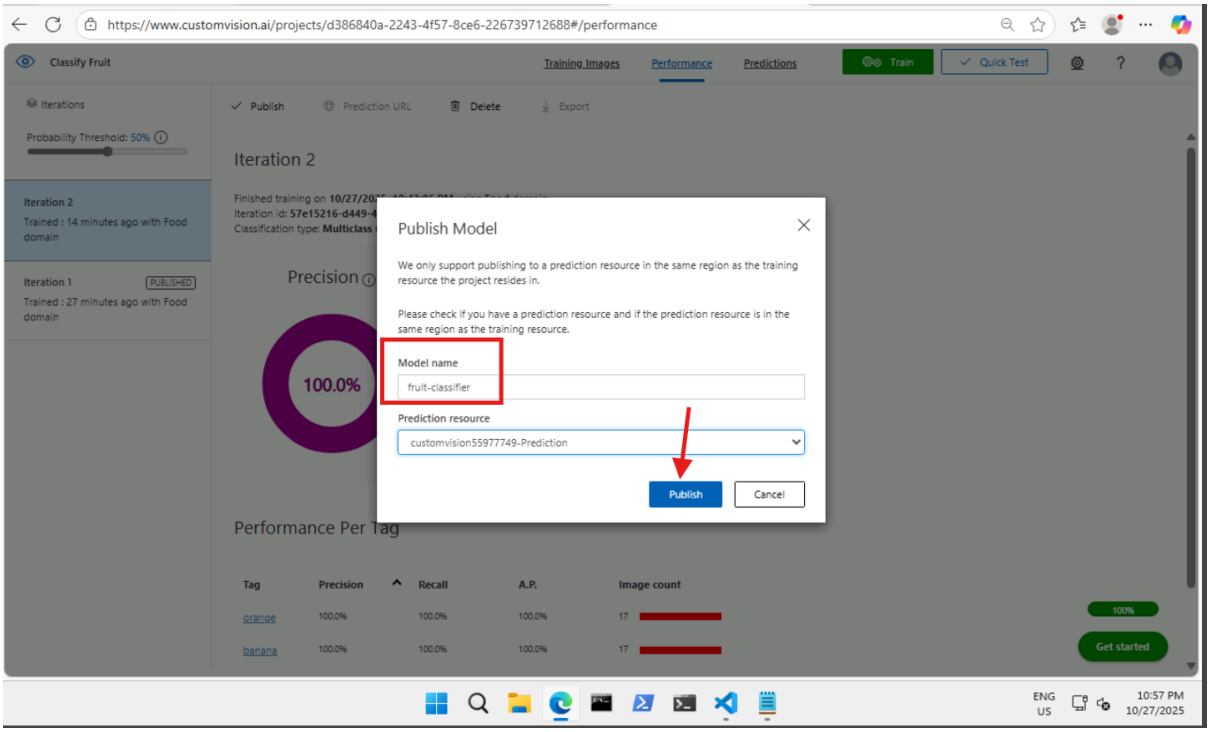

https://portal.azure.com/#@LODSPRODMSLEARNMCA.onmicrosoft.com/resource/subscriptions/0ef26db5-9a87-42bf-b4c9-b38f5623885a/resour...
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
User1-55977749@LODS...
LODS-PROD-MSLEARN-MCA (LO...
Home > deployTrainingResource | Overview > customvision55977749
customvision55977749 | Keys and Endpoint
Custom vision
Search
Regenerate Key1
Regenerate Key2
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Resource Management
Keys and Endpoint
Encryption
Pricing tier
Networking
Identity
Cost analysis
Properties
Security
Add or remove favorites by pressing Ctrl+Shift+F
These keys are used to access your Azure AI Foundry API. Do not share your keys. Store them securely– for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.
Show Keys
KEY 1
KEY 2
Location/Region
southeastasia
Endpoint
https://customvision55977749.cognitiveservices.azure.com/
ENG
US
10:29 PM
10/27/2025

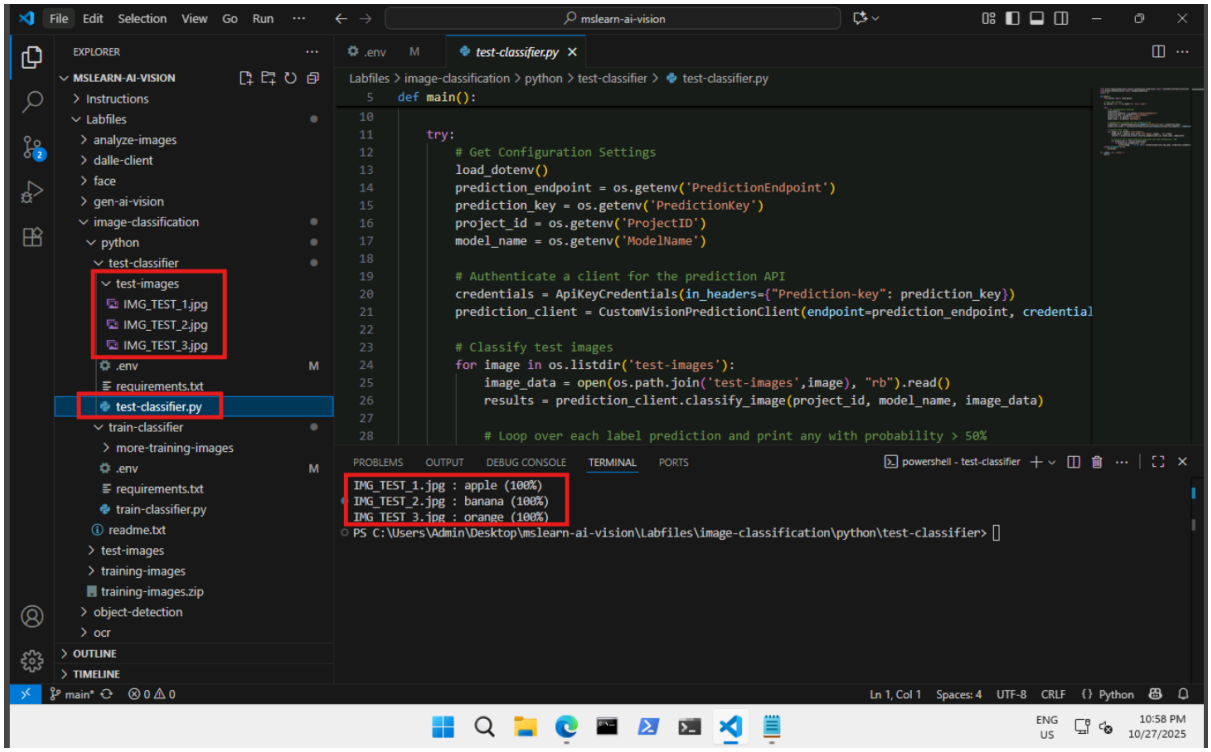

https://portal.azure.com/#@LODSPRODMSLEARNMCA.onmicrosoft.com/resource/subscriptions/0ef26db5-9a87-42bf-b4c9-b38f5623885a/resour...
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
User1-55977749@LODS...
LODS-PROD-MSLEARN-MCA (LO...
Home > deployPredictionResource | Overview > customvision55977749-Prediction
customvision55977749-Prediction | Keys and Endpoint
Custom vision
Search
Regenerate Key1
Regenerate Key2
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Resource visualizer
Resource Management
Keys and Endpoint
Encryption
Pricing tier
Networking
Identity
Cost analysis
Properties
Security
Add or remove favorites by pressing Ctrl+Shift+F
These keys are used to access your Azure AI Foundry API. Do not share your keys. Store them securely– for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.
Show Keys
KEY 1
KEY 2
Location/Region
southeastasia
Endpoint
https://customvision55977749-prediction.cognitiveservices.azure.com/
https://customvision55977749-prediction.cognitiveservices.azure.com/
ENG
US
10:30 PM
10/27/2025


File Edit Selection View Go Run
mslearn-ai-vision
EXPLORER
MSLEARN-AI-VISION
Instructions
Labfiles
analyze-images
dalle-client
face
gen-ai-vision
image-classification
python
test-classifier
test-images
.env
requirements.txt
test-classifier.py
train-classifier
more-training-images
.env
requirements.txt
train-classifier.py
readme.txt
test-images
training-images
training-images.zip
object-detection
ocr
video-indexer
_build.yml
_config.yml
OUTLINE
TIMELINE
.env M
train-classifier.py
Labfiles > image-classification > python > train-classifier > train-classifier.py
def Upload_Images(folder):
for tag in tags:
for image in os.listdir(os.path.join(folder,tag.name)):
image_data = open(os.path.join(folder,tag.name,image), "rb").read()
training_client.create_images_from_data(custom_vision_project.id, image_data, [tag.id
def Train_Model():
print("Training ...")
iteration = training_client.train_project(custom_vision_project.id)
while (iteration.status != "Completed"):
iteration = training_client.get_iteration(custom_vision_project.id, iteration.id)
print (iteration.status, '...')
time.sleep(5)
print ("Model trained!")
if __name__ == "__main__":
main()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
python3.11 - train-classifier
Uploading images...
apple
banana
orange
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
main*
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python
ENG US
10:42 PM
10/27/2025


File Edit Selection View Go Run
mslearn-ai-vision
EXPLORER
MSLEARN-AI-VISION
Instructions
Labfiles
analyze-images
dalle-client
face
gen-ai-vision
image-classification
python
test-classifier
test-images
.env
requirements.txt
test-classifier.py
train-classifier
more-training-images
.env
requirements.txt
train-classifier.py
readme.txt
test-images
training-images
training-images.zip
object-detection
ocr
video-indexer
_build.yml
_config.yml
OUTLINE
TIMELINE
.env M
train-classifier.py
Labfiles > image-classification > python > train-classifier > train-classifier.py
def Upload_Images(folder):
for tag in tags:
for image in os.listdir(os.path.join(folder,tag.name)):
image_data = open(os.path.join(folder,tag.name,image), "rb").read()
training_client.create_images_from_data(custom_vision_project.id, image_data, [tag.id
def Train_Model():
print("Training ...")
iteration = training_client.train_project(custom_vision_project.id)
while (iteration.status != "Completed"):
iteration = training_client.get_iteration(custom_vision_project.id, iteration.id)
print (iteration.status, '...')
time.sleep(5)
print ("Model trained!")
if __name__ == "__main__":
main()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell - train-classifier
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Training ...
Completed ...
Model trained!
PS C:\Users\Admin\Desktop\mslearn-ai-vision\Labfiles\image-classification\python\train-classifier>
main*
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python
ENG US
10:43 PM
10/27/2025


Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Iterations
Publish
Prediction URL
Delete
Export
Probability Threshold: 50%
Iteration 2
Trained : moments ago with Food domain
Iteration 1
PUBLISHED
Trained : 14 minutes ago with Food domain
Iteration 2
Finished training on 10/27/2025, 10:43:06 PM using Food domain
Iteration id: 57e15216-d449-40ee-ad35-c1ffcd9a16dc
Classification type: Multiclass (Single tag per image)
Precision
Recall
AP
100.0%
100.0%
100.0%
Performance Per Tag
Tag
Precision
Recall
A.P.
Image count
orange
banana
apple
100.0%
17
100%
Get started
ENG
US
10:43 PM
10/27/2025


https://www.customvision.ai/projects/d386840a-2243-4f57-8ce6-226739712688#/performance
Classify Fruit
Training Images
Performance
Predictions
Train
Quick Test
Iterations
Publish
Prediction URL
Delete
Export
Probability Threshold: 50%
Iteration 2
Trained : 14 minutes ago with Food domain
Iteration 1
PUBLISHED
Trained : 27 minutes ago with Food domain
Iteration 2
Precision
100.0%
Performance Per Tag
Tag
Precision
Recall
A.P.
Image count
orange
banana
100.0%
17
100%
Get started
Publish Model
We only support publishing to a prediction resource in the same region as the training resource the project resides in.
Please check if you have a prediction resource and if the prediction resource is in the same region as the training resource.
Model name
fruit-classifier
Prediction resource
customvision55977749-Prediction
Publish
Cancel
ENG
US
10:57 PM
10/27/2025


File Edit Selection View Go Run
mslearn-ai-vision
EXPLORER
MSLEARN-AI-VISION
Instructions
Labfiles
analyze-images
dalle-client
face
gen-ai-vision
image-classification
python
test-classifier
test-images
IMG_TEST_1.jpg
IMG_TEST_2.jpg
IMG_TEST_3.jpg
.env
requirements.txt
test-classifier.py
train-classifier
more-training-images
.env
requirements.txt
train-classifier.py
readme.txt
test-images
training-images
training-images.zip
object-detection
ocr
OUTLINE
TIMELINE
.env M
test-classifier.py
Labfiles > image-classification > python > test-classifier > test-classifier.py
def main():
try:
# Get Configuration Settings
load_dotenv()
prediction_endpoint = os.getenv('PredictionEndpoint')
prediction_key = os.getenv('PredictionKey')
project_id = os.getenv('ProjectID')
model_name = os.getenv('ModelName')
# Authenticate a client for the prediction API
credentials = ApiKeyCredentials(in_headers={"Prediction-key": prediction_key})
prediction_client = CustomVisionPredictionClient(endpoint=prediction_endpoint, credential
# Classify test images
for image in os.listdir('test-images'):
image_data = open(os.path.join('test-images',image), "rb").read()
results = prediction_client.classify_image(project_id, model_name, image_data)
# Loop over each label prediction and print any with probability > 50%
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell - test-classifier
IMG_TEST_1.jpg : apple (100%)
IMG_TEST_2.jpg : banana (100%)
IMG_TEST_3.jpg : orange (100%)
PS C:\Users\Admin\Desktop\mslearn-ai-vision\Labfiles\image-classification\python\test-classifier>
main*
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python
ENG US
10:58 PM 10/27/2025