

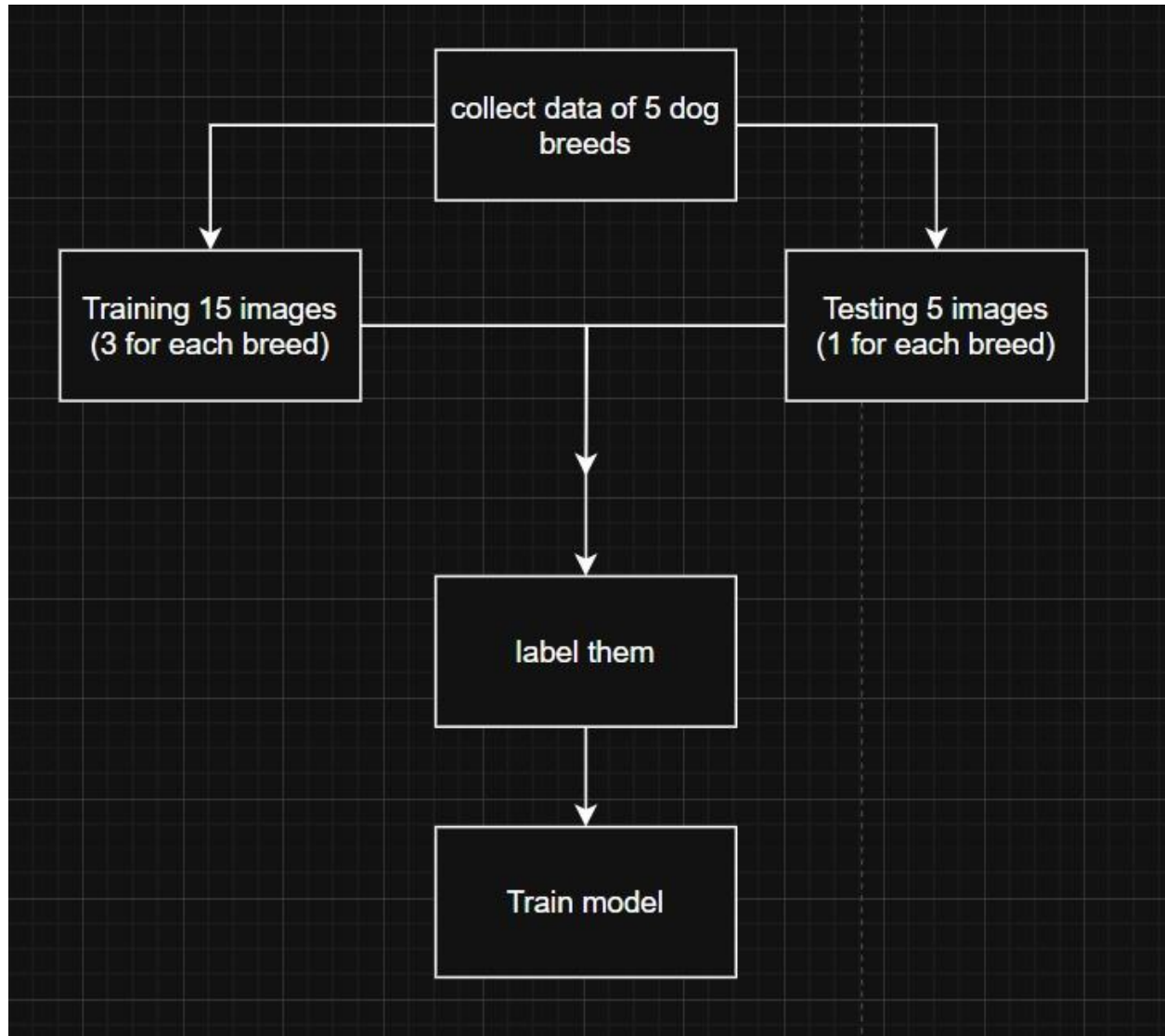
Task: [Amazon Rekognition Custom Labels](#)

Roll no: 23P31A4227

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Pool: pool-3

Architecture:



Project Created:

Amazon Rekognition Custom Labels

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Projects now manage datasets
Your previous datasets need to be associated with a project. We have associated the previously created datasets that trained the latest version of your models with their corresponding projects. Access your previously created datasets from the [Prior datasets](#) node. [Learn more](#)

Projects (4) info

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Search projects by project name

Name	Versions	Date created	Model performance	Model status	Status message
project4227	1	2025-08-09			
project4227.2025-08-09T17:51:46		2025-08-09	N/A	TRAINING_IN_PROGRESS	The model is being trained.
project4227	0	2025-08-09			
project4227	0	2025-08-09			

Training dataset:

Amazon Rekognition Custom Labels

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Add Images. [Learn more](#)

choose Edit labels. [Learn more](#)

you need to label object locations. Choose Draw bounding boxes. Then draw bounding boxes around objects and assign labels. Choose Save changes to Finish. [Learn more](#)

concepts in new images. [Learn more](#)

Labels

Images (15)

Select a label

- show (3)
- golden retriever (3)
- german_shepherd (3)
- doberman (3)
- bulldog (3)

bulldog1.png

bulldog2.png

bulldog3.png

doberman1.jpeg

doberman2.jpeg

doberman3.jpeg

Testing Dataset:

The screenshot shows the Amazon Rekognition Custom Labels console for project4227. The 'Testing' tab is active, displaying a 'Preparing your dataset' section with four steps: 1. Review dataset, 2. Add labels, 3. Label images, and 4. Train model. The 'Labels' list on the left includes: bulldog (1), german_shepherd (1), golden_retriever (1), shibutsu (1), and bulldog (1). The 'Images' section shows five sample images with their labels: bulldog, bulldog, german_shepherd, golden_retriever, and shibutsu.

Model Training:

The screenshot shows the Amazon Rekognition Custom Labels console for project4227. The 'Model Training' section is active, displaying a 'Project details' section and a 'Models' table. The 'Project details' section shows the project name 'project4227', created on August 09, 2025 at 17:41:32 (UTC+05:30), with 5 training labels, 15 training images, 5 test labels, and 5 test images. The 'Models' table shows one model in the 'TRAINING_IN_PROGRESS' state.

Name	Date created	Training dataset	Test dataset	Model performance (F1 score)	Model status	Status message
project4227.2025-08-09T17.51.46	August 09, 2025			N/A	TRAINING_IN_PROGRESS	The model is being trained.

Model Trained:

project4227

How it works

Creating your dataset

1. Create dataset
A dataset is a collection of images, and image labels, that you use to train or test a model.
Created

2. Label images
Labels identify objects, scenes, or concepts on an entire image, or they identify object locations on an image.
Add labels

Training your model

3. Train model
Depending on the training dataset, the training model finds image-level scenes and concepts, or it finds object locations.
Train model

Evaluating your model

4. Check performance metrics
Performance metrics tell you if your model needs additional training before you can use it.
Check metrics

Project details

Project name	Created	Dataset	Models
project4227	August 09, 2025 at 17:41:32 (UTC+05:30)	5 training labels, 15 training images, 5 test labels, 5 test images	1

Models (1)

Name	Date created	Training dataset	Test dataset	Model performance (F1 score)	Model status	Status message
project4227.2025-08-09T17.51.46	August 09, 2025			1.000	TRAINING_COMPLETED	The model is ready to run.

Model Evaluation And Metrics:

project4227.2025-08-09T17.51.46

Evaluation

The Evaluation tab shows the testing results for your trained model. This helps you understand the overall performance of your model. To view the results for an image, choose the View test results button.

Evaluation results

F1 score	Average precision	Overall recall
1.000	1.000	1.000

Date completed: August 09, 2025
Trained in 0.171 hours

Training dataset: 5 labels, 14 images
Testing dataset: 5 labels, 5 images

Per Label performance (5)

Label name	F1 score	Test images	Precision	Recall	Assumed threshold
bulldog	1.000	1	1.000	1.000	0.658
doberman	1.000	1	1.000	1.000	0.757
german_shepherd	1.000	1	1.000	1.000	0.507
golden_retriever	1.000	1	1.000	1.000	0.537
shizu	1.000	1	1.000	1.000	0.321

