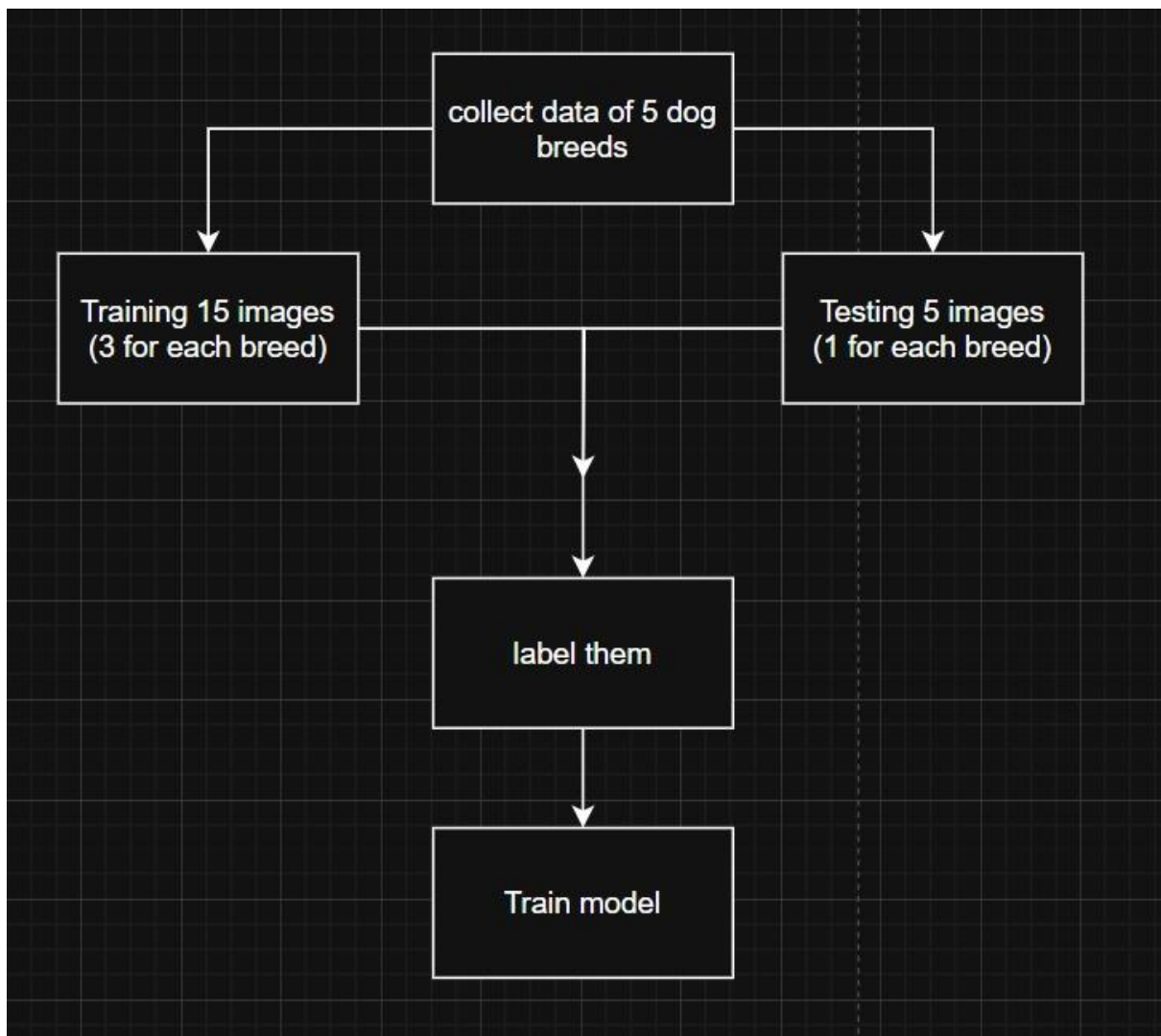


TASK : Amazon Rekognition Custom Label

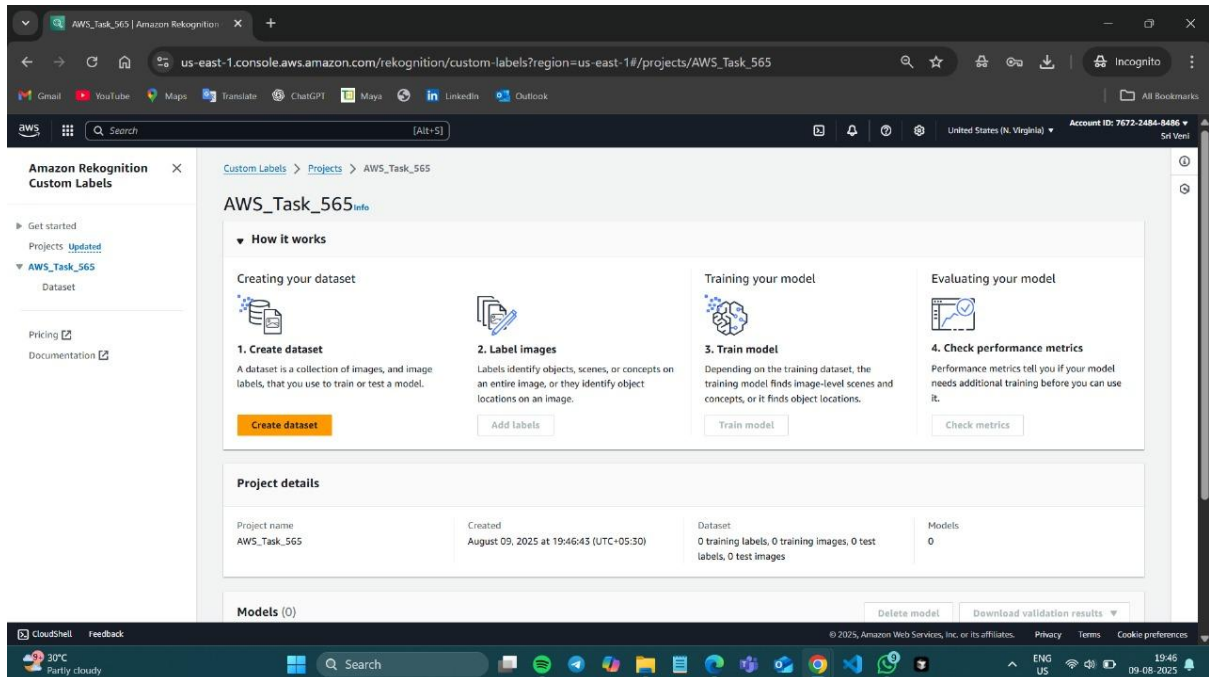
Name: Sri Veni Yellaboyina

Roll No: 23P31A0565

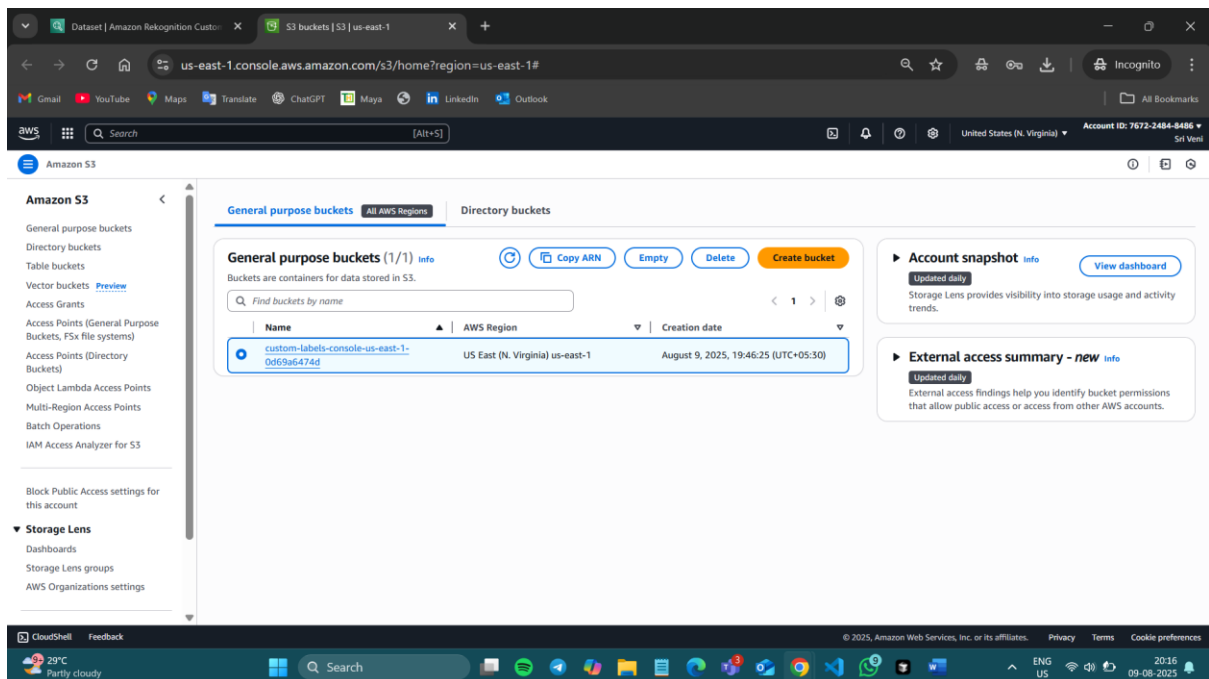
POOL: 03



Step 1: Creation of Project by creating a S3 bucket

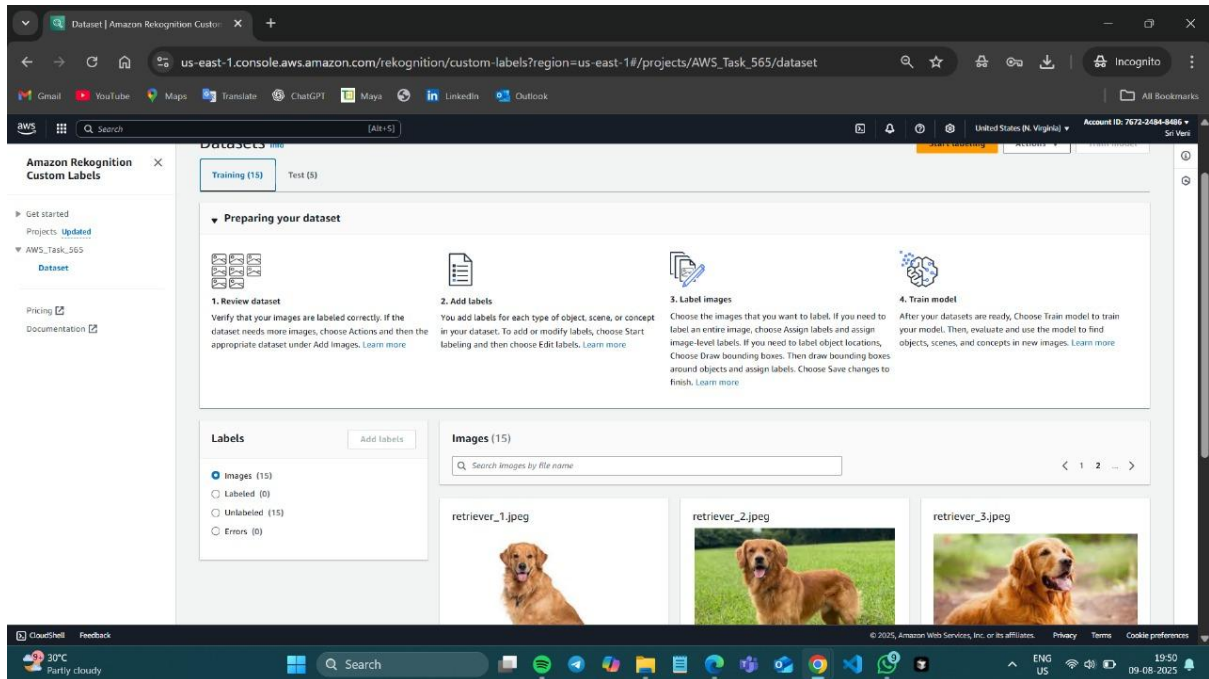


Step 2 : Creation of S3 bucket

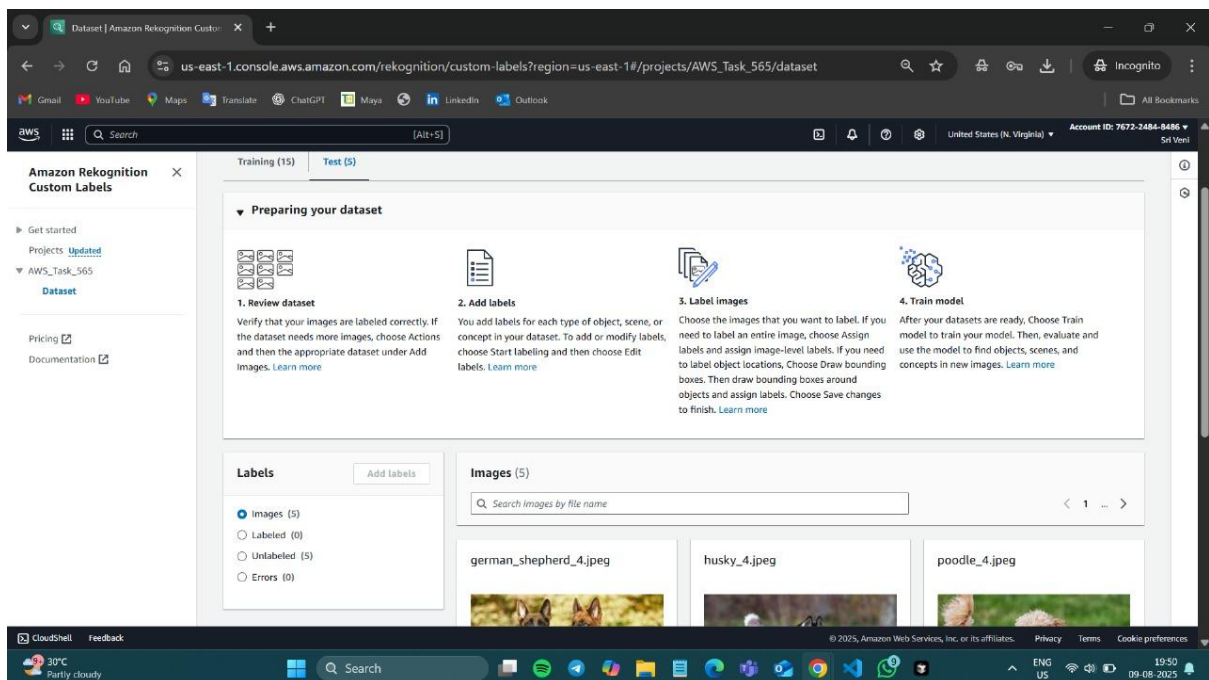


Step 3: Data Set

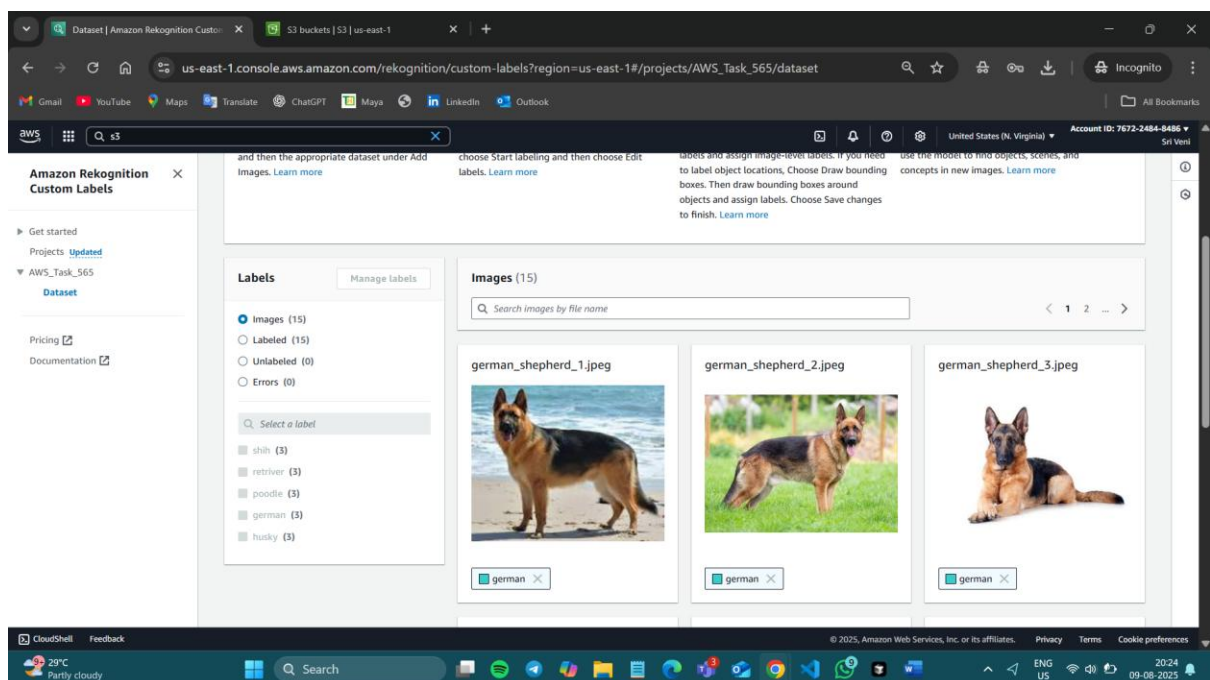
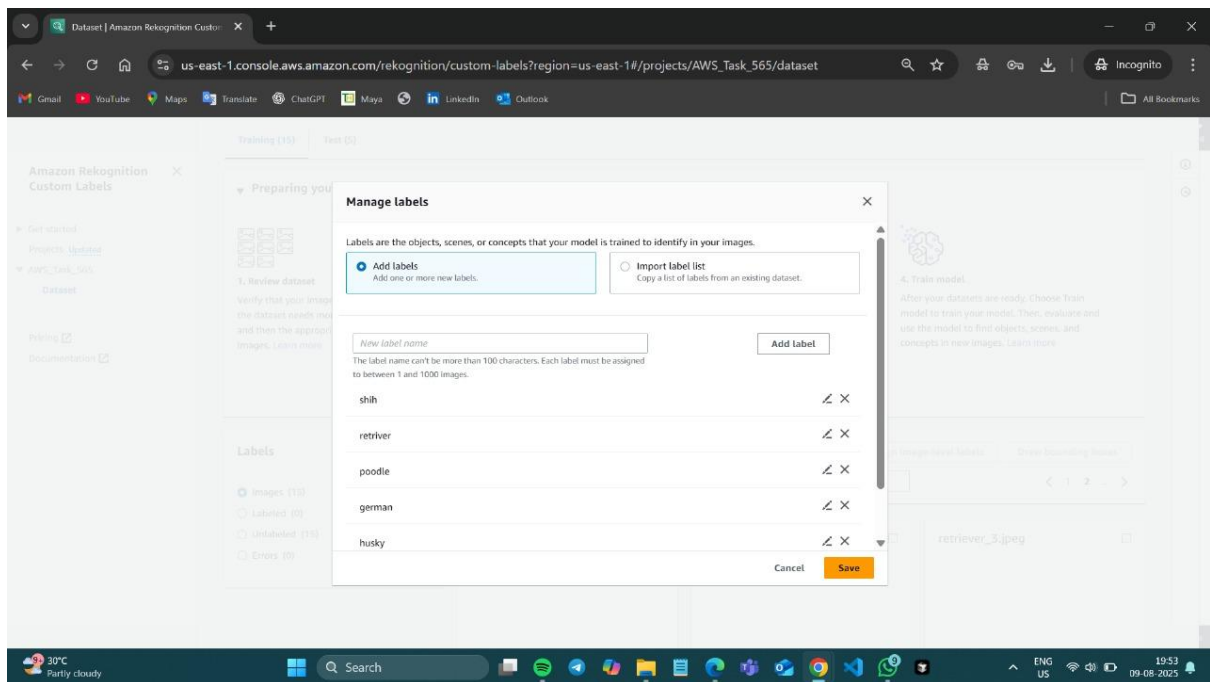
Uploading images to the Training Data Set

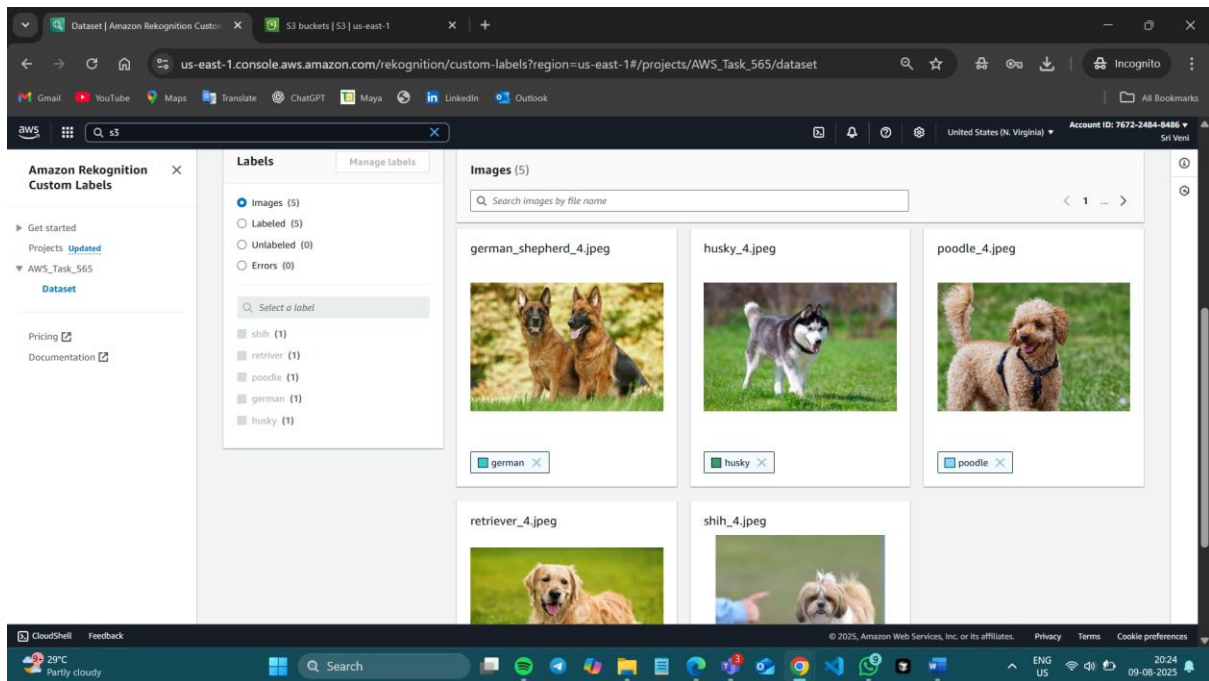


Uploading Images to the Test Data Set

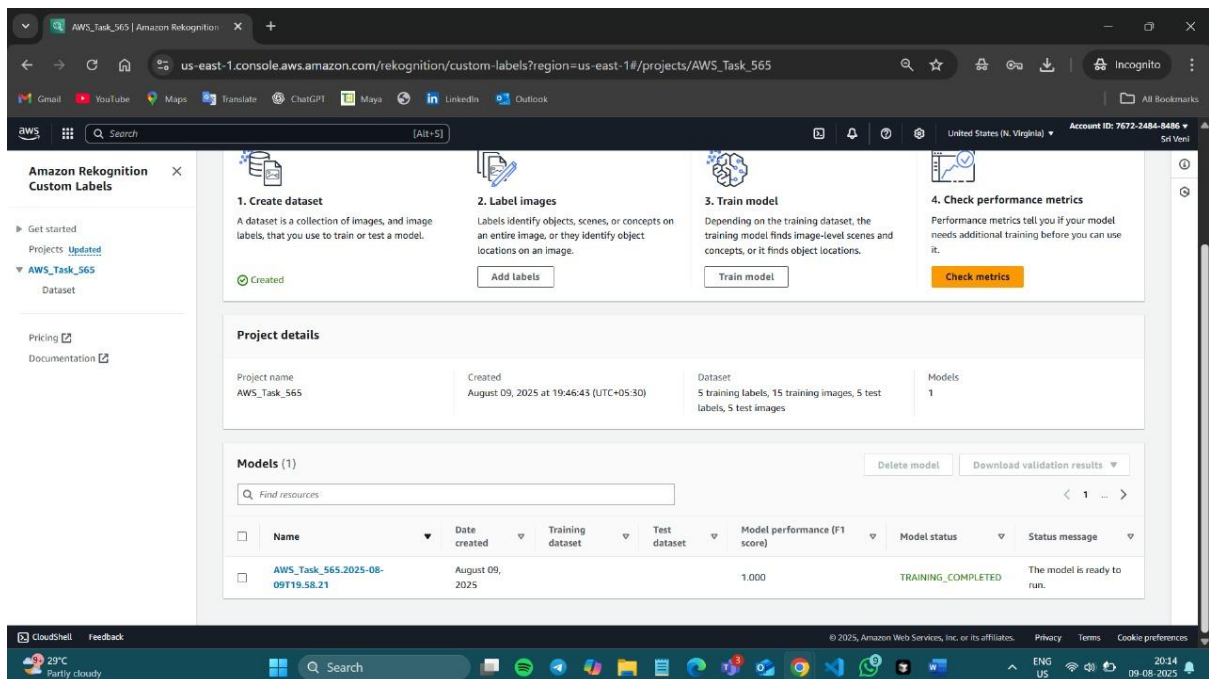


Step 4: Adding Labels and Assigning to the images





Step 5: Training the Model by the Dataset



Step 6: After the Model is trained Checking the Metrics of the Model

The screenshot displays the AWS Rekognition Custom Labels console for a project named 'AWS_Task_565'. The 'Evaluation results' section shows the following metrics:

- F1 score:** 1.000
- Average precision:** 1.000
- Overall recall:** 1.000

Additional details include: Date completed: August 09, 2025; Training dataset: 5 labels, 15 images; Testing dataset: 5 labels, 5 images.

The 'Per label performance (5)' table provides a detailed breakdown of the model's performance for each label:

Label name	F1 score	Test images	Precision	Recall	Assumed threshold
german	1.000	1	1.000	1.000	0.629
husky	1.000	1	1.000	1.000	0.710
poodle	1.000	1	1.000	1.000	0.736
retriever	1.000	1	1.000	1.000	0.627
shih	1.000	1	1.000	1.000	0.647

Step 7: Custom-Labels in S3 bucket

The screenshot displays the Amazon S3 console for a bucket named `custom-labels-console-us-east-1-0d69a6474d`. The **Objects** tab is active, showing a list of four folders: `assets/`, `evaluation/`, `migration-do-not-delete/`, and `projects/`. The console interface includes a left-hand navigation menu, a top navigation bar with the AWS logo and account information, and a bottom taskbar with various application icons.

Amazon S3

custom-labels-console-us-east-1-0d69a6474d

Objects (4)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix:

Show versions: ☐

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	assets/	Folder	-	-	-
<input type="checkbox"/>	evaluation/	Folder	-	-	-
<input type="checkbox"/>	migration-do-not-delete/	Folder	-	-	-
<input type="checkbox"/>	projects/	Folder	-	-	-