

Q1. Design a Cognitive Assistant for Reading Labels of medicine bottle (You can download Dataset from Internet)









Project 1

Model list

Build 20 images

Images Instances Filter Sort

Ground truth Prediction; Model-05-07-2025_4 (0.31)



Model-05-07-2025_5

Trained about 4 hours ago

77%

Train set Dev set Test set

F1

False Positive 3

False Negative 4

Misclassified 1

Correct 15

View Confusion Matrix

Try Model

Model-05-07-2025_4

Trained about 4 hours ago

73%


Train set Dev set Test set

F1

View Confusion Matrix

Try Model

Try this model



Confidence Threshold

0.28

Deploy

Prediction JSON output

Genexa (1)

Try this model

The interface shows a product image of a Neurobion Forte box. A dashed purple bounding box is drawn around the bottom portion of the box, which contains the text 'MERCK' and '30 tablets'. To the right, a 'Confidence Threshold' slider is set to 0.29. Below the slider is a 'Deploy' button. Underneath, the 'Prediction' section shows 'Neurobion (1)' with a small purple dot next to it. The output is labeled 'JSON output'.

Q2. Design an Emotion-aware Cognitive Assistant using Facial Expression Detection.

The interface is titled 'Build' and shows '20 images'. It features a grid of eight images with bounding boxes indicating detected faces. The images show various emotions: a man with a neutral expression, a man laughing, a crying baby, a woman laughing, a woman with a distressed expression, a man smiling, a man with a beard smiling, and a man with a wide smile. A 'Train' button is visible. On the right, a 'Model list' section shows the performance of 'Model-05-07-2025_1', which was trained 1 minute ago. The performance metrics are as follows:

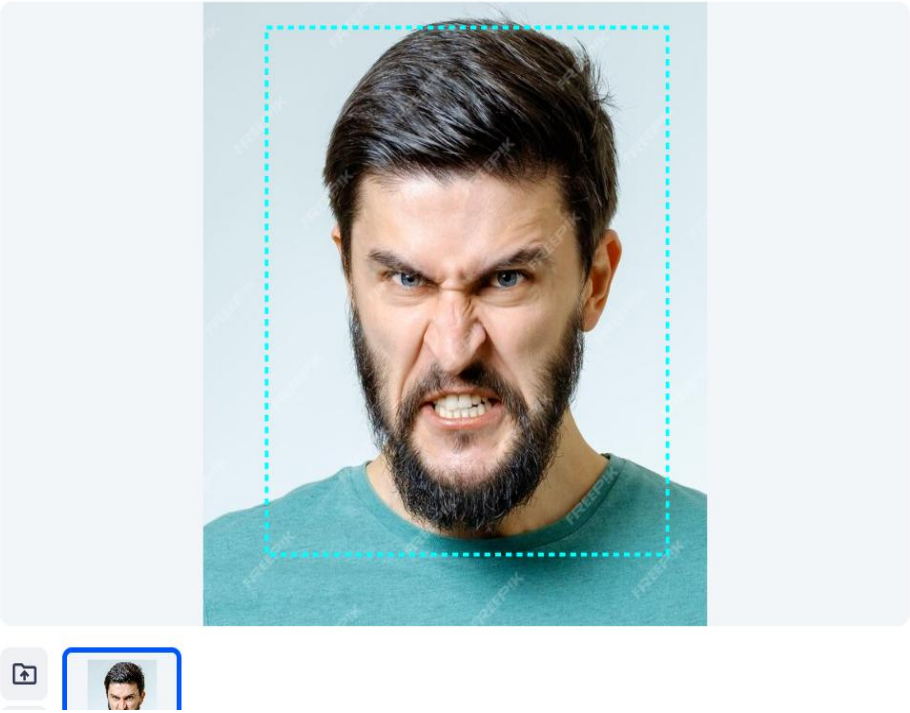
	Train set	Dev set	Test set
False Positive	3		
False Negative	5		
Misclassified	1		
Correct	13		

Buttons for 'View Confusion Matrix' and 'Try Model' are present. Below this, the same metrics are shown for the test set:

	Train set	Dev set	Test set
False Positive	2		
False Negative	3		
Misclassified	2		
Correct	14		

Buttons for 'View Confusion Matrix' and 'Try Model' are also present for the test set.

Try this model



Confidence Threshold

0.39

Deploy

Prediction

JSON output

Angry (1)

Try this model



Confidence Threshold

0.37

Deploy

Prediction

JSON output

Happy (1)