

Deux Machina

Week 2

ASSIGNMENT 3 - QUESTION 2

Image Classification using Convolutional Neural Networks (CNN)

Model	Accuracy	Precision	Recall	F1 Score
Model 1	0.59	0.65	0.59	0.60
Model 2	0.57	0.63	0.57	0.57
Model 3	0.61	0.66	0.61	0.61

- Models were made using a CNN implemented in PyTorch.
- Resized image to 128x128 and converted into tensors for training.
- Split the dataset into 80% training data and 20% testing data.

Created the models 2 and 3 by modifying the CNN structure of model 1 by adding more convolution layers.