



RESULTS OBTAINED FOR THE CHOSEN MODEL

Date: 19/02/2025 20:08:12

CHOSEN CHARACTERISTICS

Dataset: Cat and Dog n°1

Work with: CPU

Mode: Classical

Model for Transfer Learning: VGG16

Import the model as pretrained?: YES

Use SVM as the last layer?: NO

Optimizer: SGD

Learning rate: 0.01

Number of epochs: 2

Size of the validation set with respect to the training set: 10%

Batch Size: 32



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Save the model: YES

Generate PDF report: YES

TRAINING

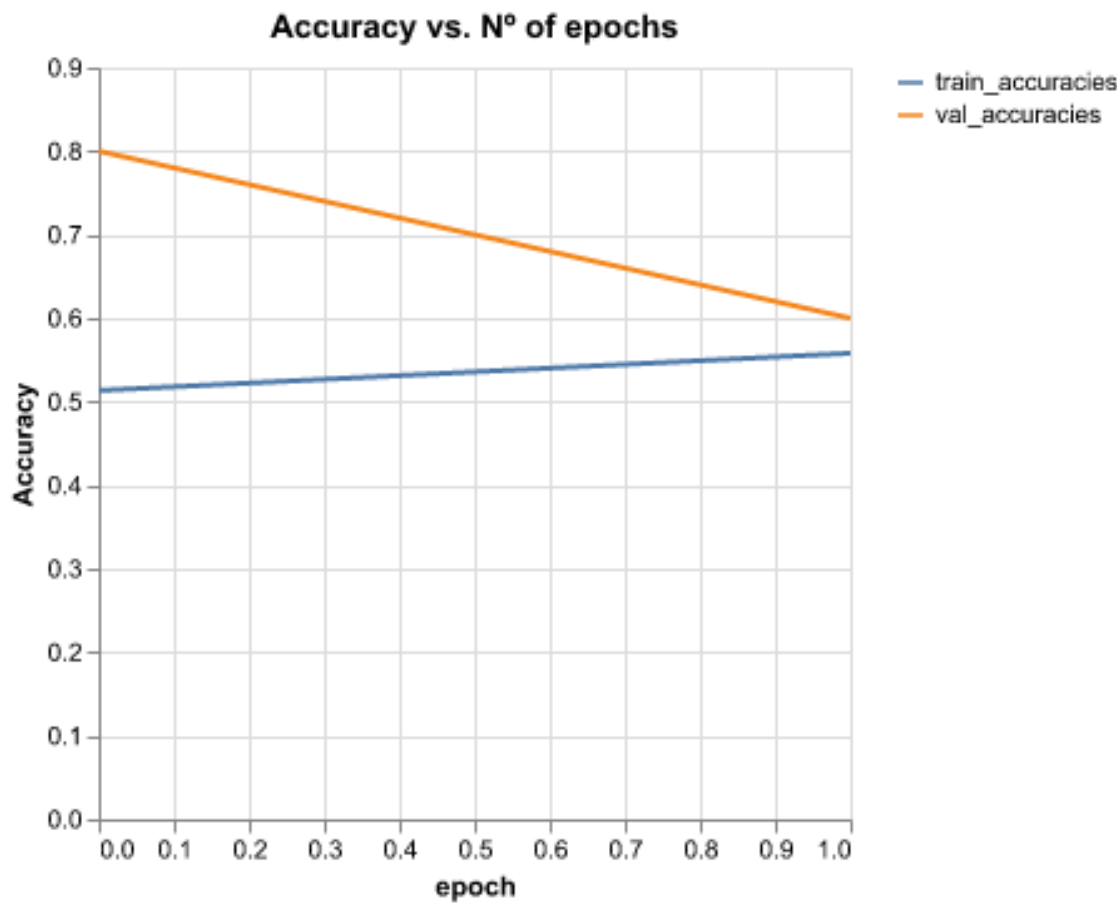
Epoch [0], train_loss: 0.7319, train_acc: 0.5134, val_loss: 0.6666, val_acc: 0.8000

Epoch [1], train_loss: 0.6782, train_acc: 0.5580, val_loss: 0.6769, val_acc: 0.6000



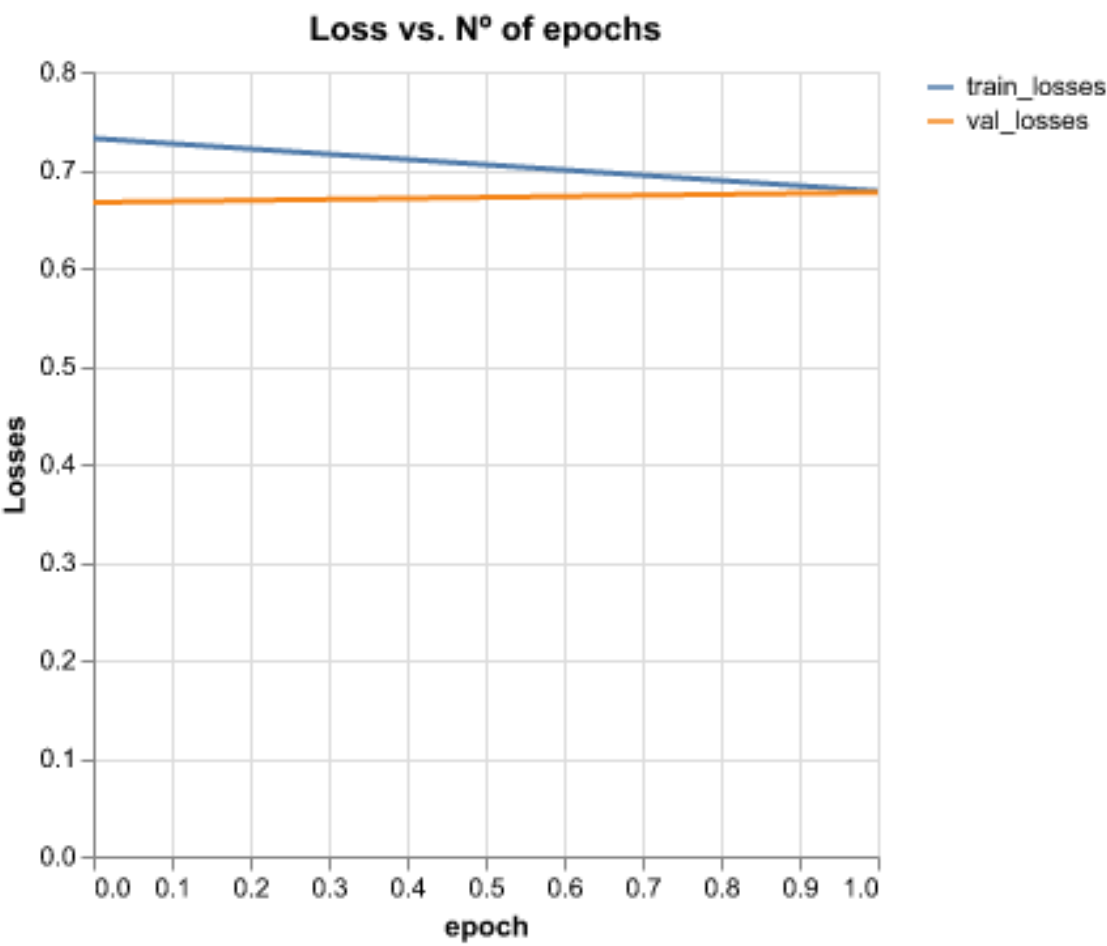
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RESULTS





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MODEL PERFORMANCE

Test Accuracy: 0.796

Test Loss: 0.619