

Using device: CUDA

Task execution time: 5.32 seconds

Completed Tasks:

Task 1.1: Load CIFAR-10 Dataset ✓

Task 1.2: Visualize CIFAR-10 Samples ✓

Task 1.3: Convert to Grayscale ✓

Reset (Clear Task)

CIFAR-10 Image Classification with BoVW and CNN

This application implements image classification on the CIFAR-10 dataset using:

- Bag of Visual Words (BoVW) model with SVM classifier
- Deep Learning approach with ResNet-18 CNN
- Data augmentation techniques

Follow the tasks step by step using the dropdown menu.

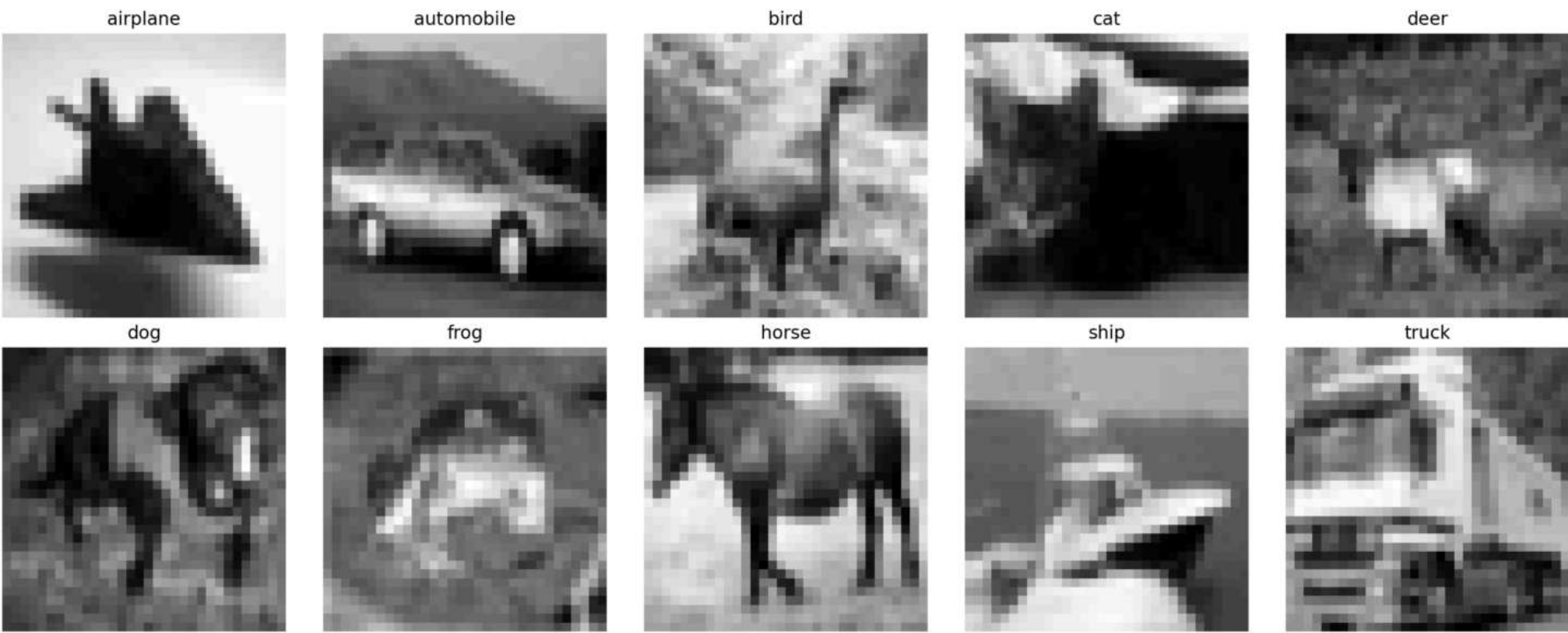
Select a task to run:

Task 1.3: Convert to Grayscale



Run Task

Task 1.3: Convert to Grayscale



Conversion completed! 50000 training images and 10000 test images converted to grayscale.