

# 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.

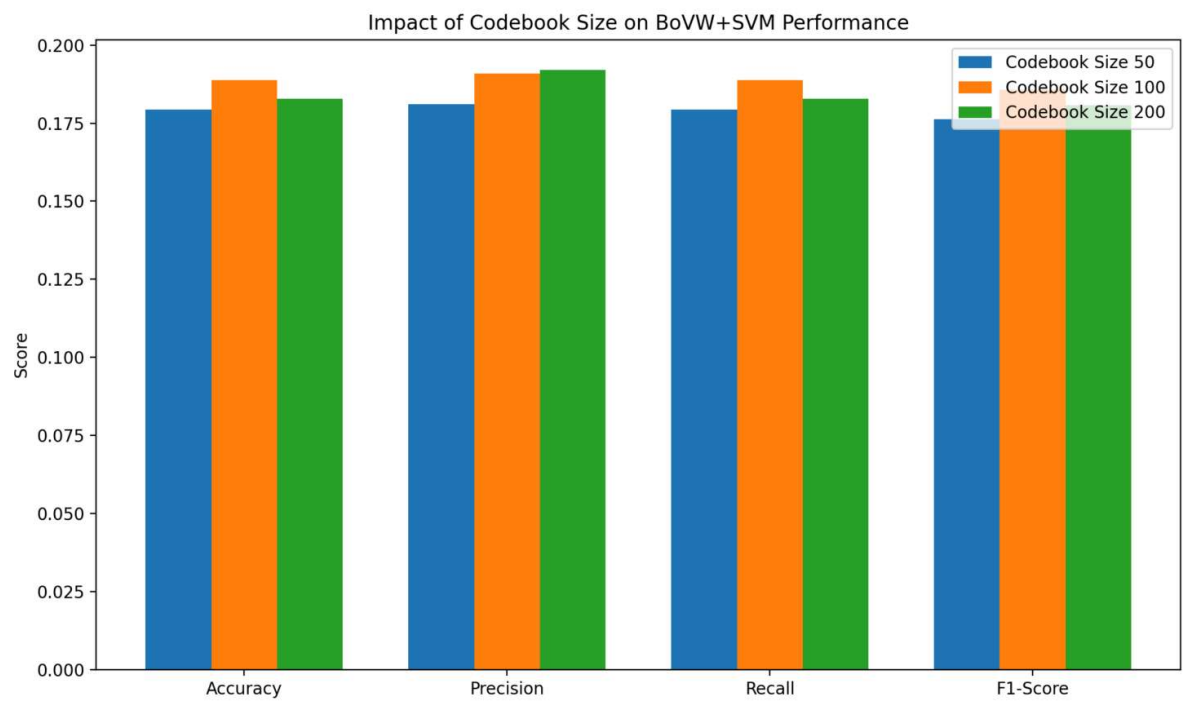
Select a task to run:

Task 3.3: Compare Codebook Sizes

▼

Run Task

## Task 3.3: Compare Codebook Sizes



	Codebook Size	Accuracy	Precision	Recall	F1-Score
0	50	0.1793	0.1810	0.1793	0.1762
1	100	0.1888	0.1910	0.1888	0.1857
2	200	0.1828	0.1921	0.1828	0.1807

Codebook size comparison completed!