

Data Description

CIFAR-10 Dataset

The CIFAR-10 dataset is a well-established benchmark in the field of machine learning, specifically designed for image classification. Comprising 60,000 color images, each of size 32x32 pixels, the dataset is segmented into 10 distinct classes, each representing a different object or creature. The classes encompass the following:

- **Airplane**
- **Automobile**
- **Bird**
- **Cat**
- **Deer**
- **Dog**
- **Frog**
- **Horse**
- **Ship**
- **Truck**

Each class contains an equal distribution, boasting 6,000 images. From the total image count, 50,000 are designated for training while the remaining 10,000 are set aside for testing.