

CSE 541 Computer Vision

Weekly Report Progress

Topic - Person retrieval in surveillance videos using attribute recognition

Group name - Predictors_4.0

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This week, we researched the PASCAL VOC dataset.

PASCAL VOC (Visual Object Classes) is a well-known dataset and benchmark for object detection, segmentation, and classification tasks in computer vision. It was first introduced in 2005 and has since become a widely used benchmark for evaluating computer vision algorithms.

The PASCAL VOC dataset consists of a set of images with associated ground-truth annotations, which provide information about the location and class of objects within the images. The dataset includes images from a variety of different categories, such as people, animals, vehicles, and indoor scenes.

Over the years, the PASCAL VOC challenge has been held annually, providing a benchmark for the state-of-the-art in object detection, segmentation, and classification. The challenge consists of a set of tasks that evaluate the performance of computer vision algorithms on the PASCAL VOC dataset.

Although the PASCAL VOC challenge is no longer being held, the dataset is still widely used by researchers and practitioners in the computer vision community as a benchmark for evaluating new algorithms and approaches.