



Domain Adaption For Semantic Segmentation



Domain Adaption

Transfer learning technique used to allow classification on an unlabelled dataset, while training on a closely resembling labelled dataset

Train

Berkeley
Deep Drive
Dataset

Evaluate

Apollo
Scape
Dataset

Result

Semantic Segmentation

Pixel-Wise Classification of Images
using Convolutional Neural Network

Convolutional Neural Network is created, in PyTorch to do semantic segmentation, and domain adaption, allowing it trains on BDD Berkley Dataset and then evaluates images on the ApolloScape Dataset, while ensuring high level of accuracy in classification of images.