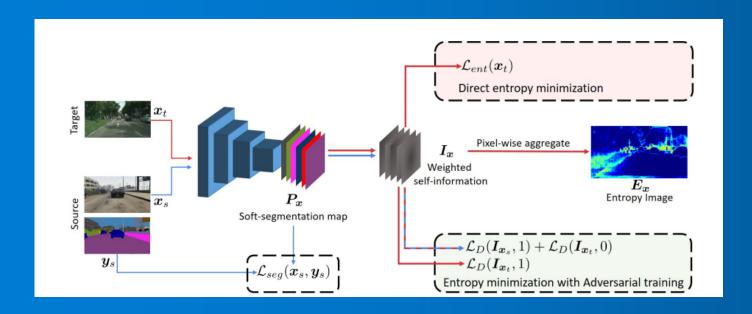
ADVENT: Adversarial Entropy Minimization for Domain Adaptation in Semantic Segmentation

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Main Approach:

Entropy minimization

Adversarial training minimization

Experiments:

Hyperparameter Tuning:

- 1.Prepare the model using the negative entropy and the minimal entropy.
- 2. Change hyperparameters to fit our training process(learning rate, batch size).

Dataset Migration:

Domain Adaptation test on 'Foggy Cityscape' dataset

Result:

Input+GT:



Output:



	road	sidewalk	building	wall	fense	pole	light	sign
minent	84,4	18,7	80,6	23,8	23,2	28,4	36,9	23,4
minent+ER	84,2	25,2	77	17	23,3	24,2	33,3	26,4
advent	89,9	36,5	81,6	29,2	25,2	28,5	32,3	22,4
advent+minent	89,4	33,1	81	26,6	26,8	27,2	33,5	24,7

GTA->Cityscape ResNet-101