29/12/2023

ANOMALY SEGMENTATION

Networks to work with:-

1. BiSeNet
2. BiSeNet2
3. ENet
4. ICNet

4 Models to train & test using **CityScopes** dataset.

Baselines:

- Pretrained ERF-Net on Cityscopes
- Anomaly inference using Anomaly Segmentation dataset

Datasets:

- SMIYC RA-21
- SMIYC RO-21
- Fishyscapes(FS) (L &F)
- FS Static
- Road Anomaly

Task	DUE DATE	DONE	INITIALS
// Prepare our Base line with several testing	1/07		MO
> MSP, MaxLogit and Max Entropy Schedule	1/10		MO
> Temp scaling	1/15		MO
// Enet	1/16		NA
// BiSeNet	1/16		
// ICNet	1/16		ST
// BiSeNet2	1/16		
➢ Additional analysis:			
O Analyze the effect of additional training dataset	1/24		
O Effect of Training Loss function	1/24		
O Self-supervised pre-trained models	1/24		
O Foundational models (GPU Extensive):	1/24		
O Pruning and Quantization	1/24		
➢ Finalizing the PDF	1/27		