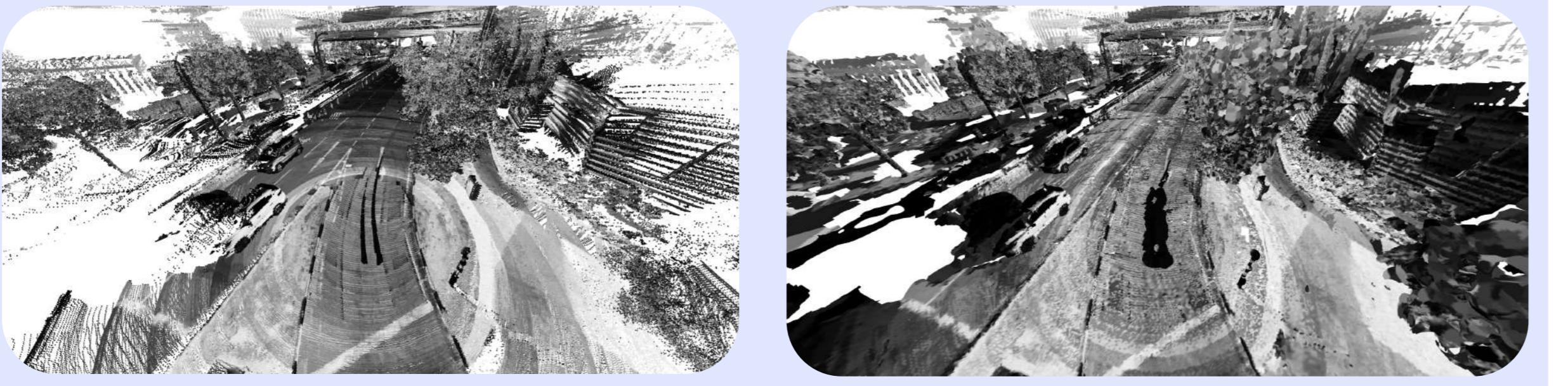
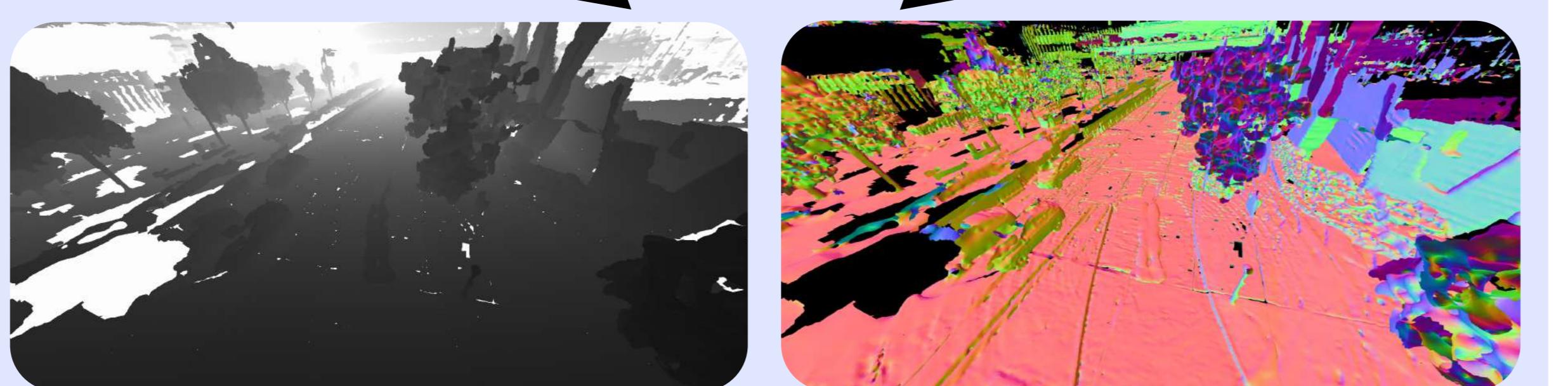


Modality Processing

Pick Your Modalities :

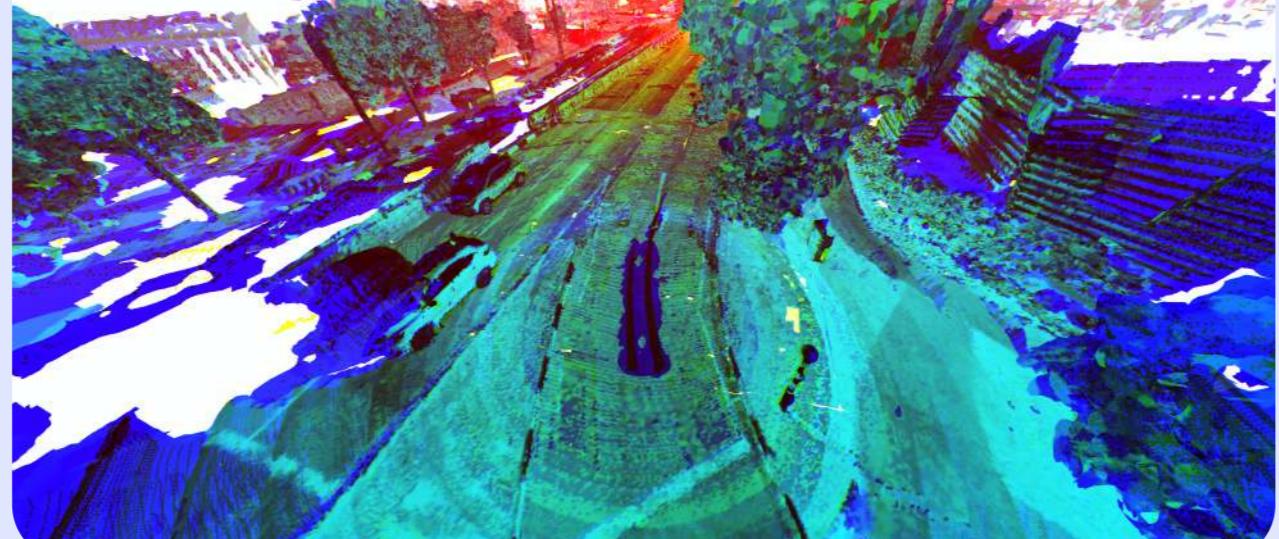


Change colors ?

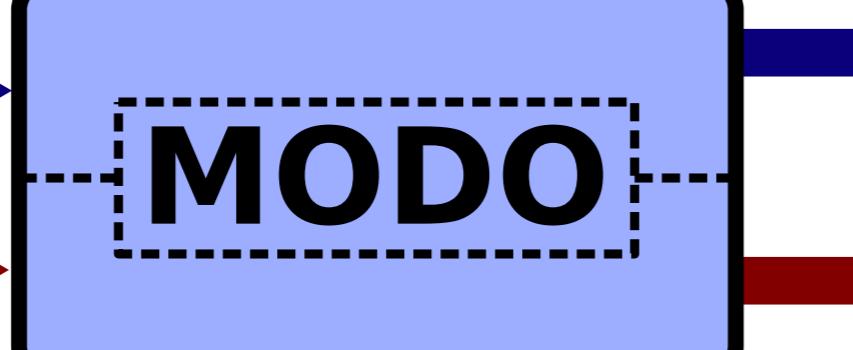


Exemple Features

- R: Pcd Intensities
- G: Mesh Normals_X
- B: Mesh Depths

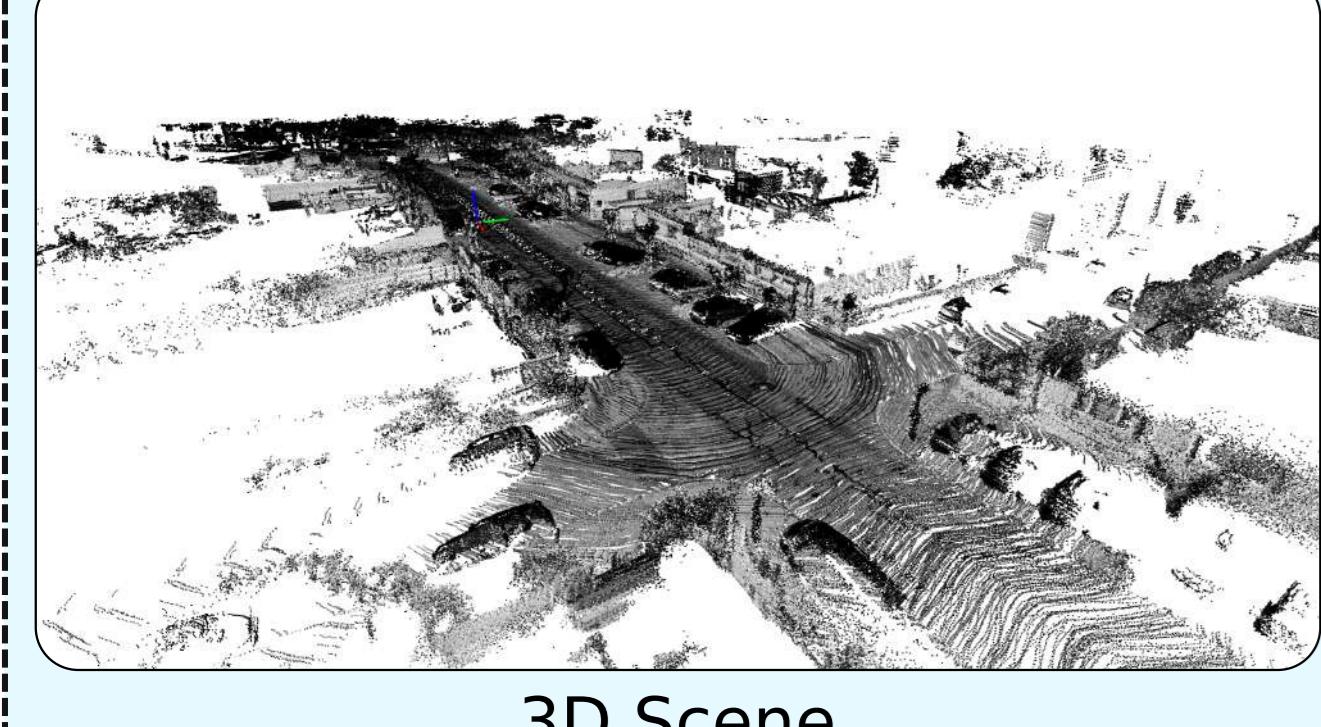


Inference Pipeline

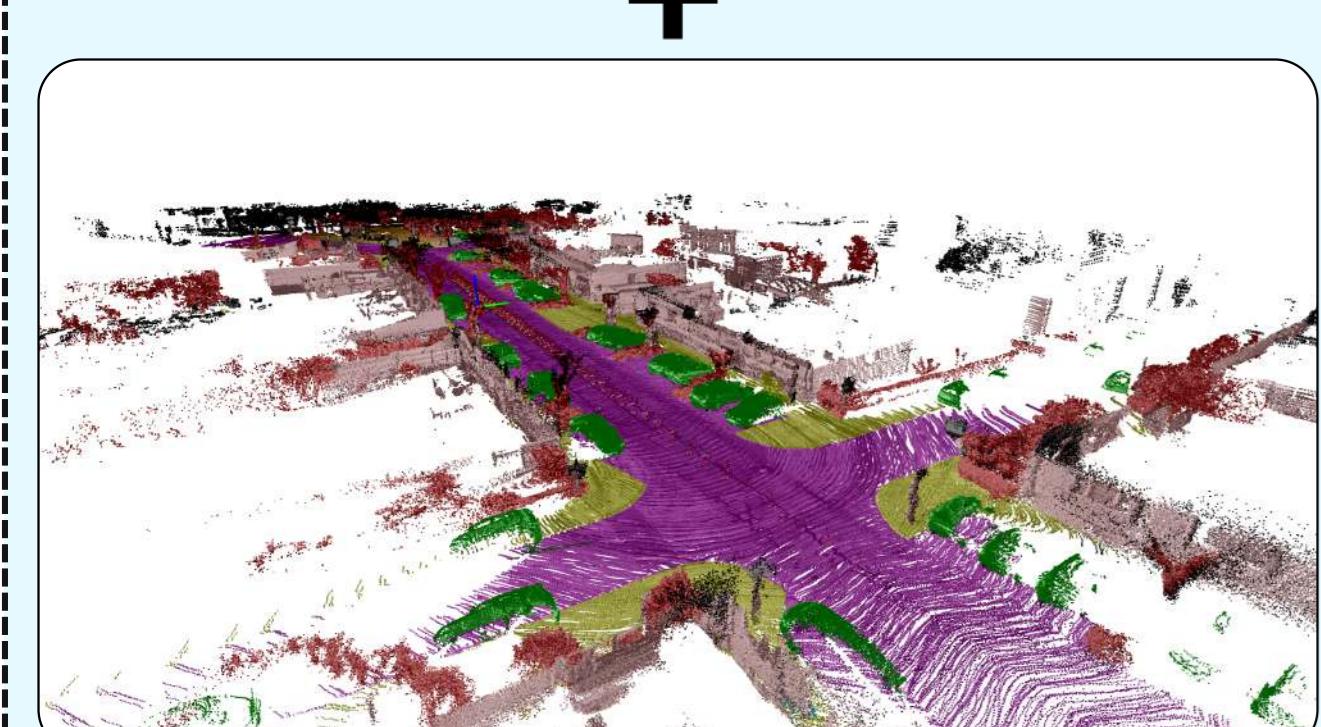


Training Pipeline

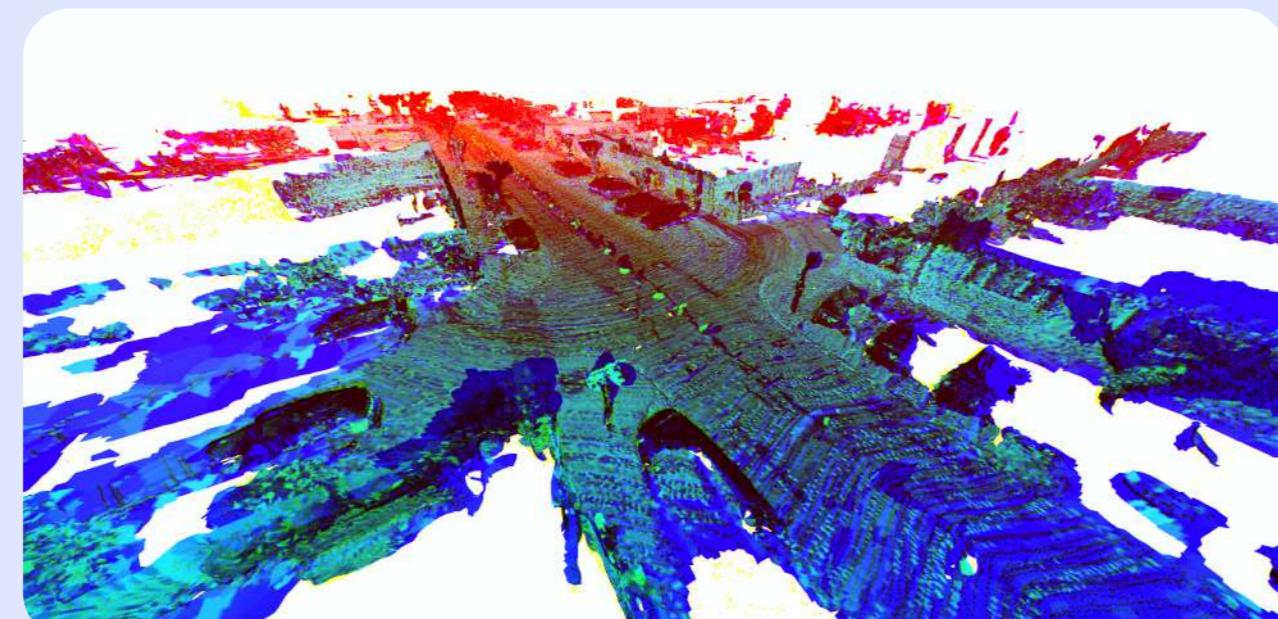
Training dataset (Source)



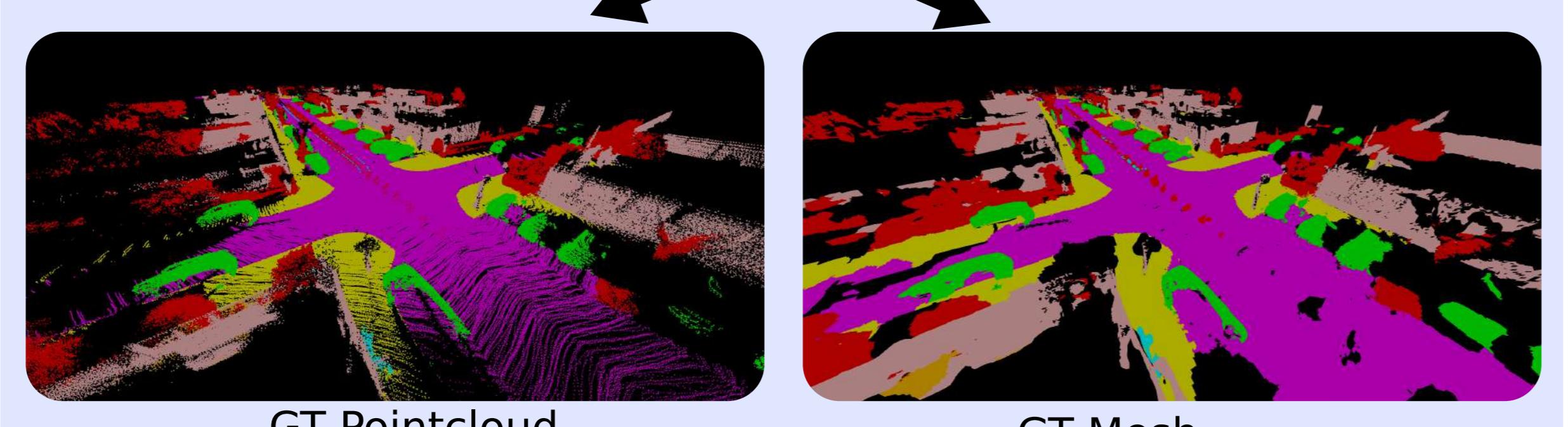
+



Re-use same modalities for training :

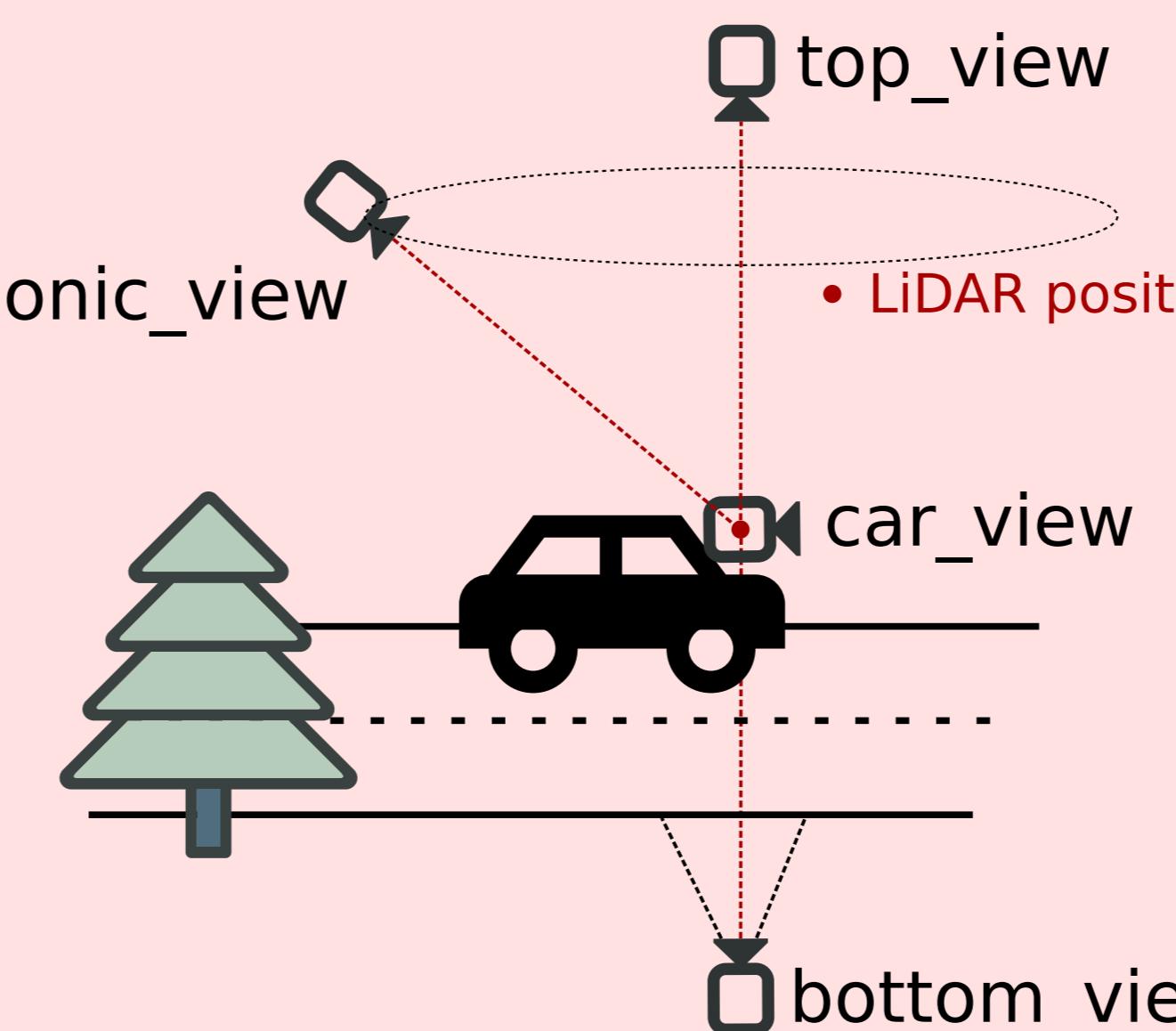


Pick Ground Truth modality :



Multi-View Image Generation

Pick your visualization views :

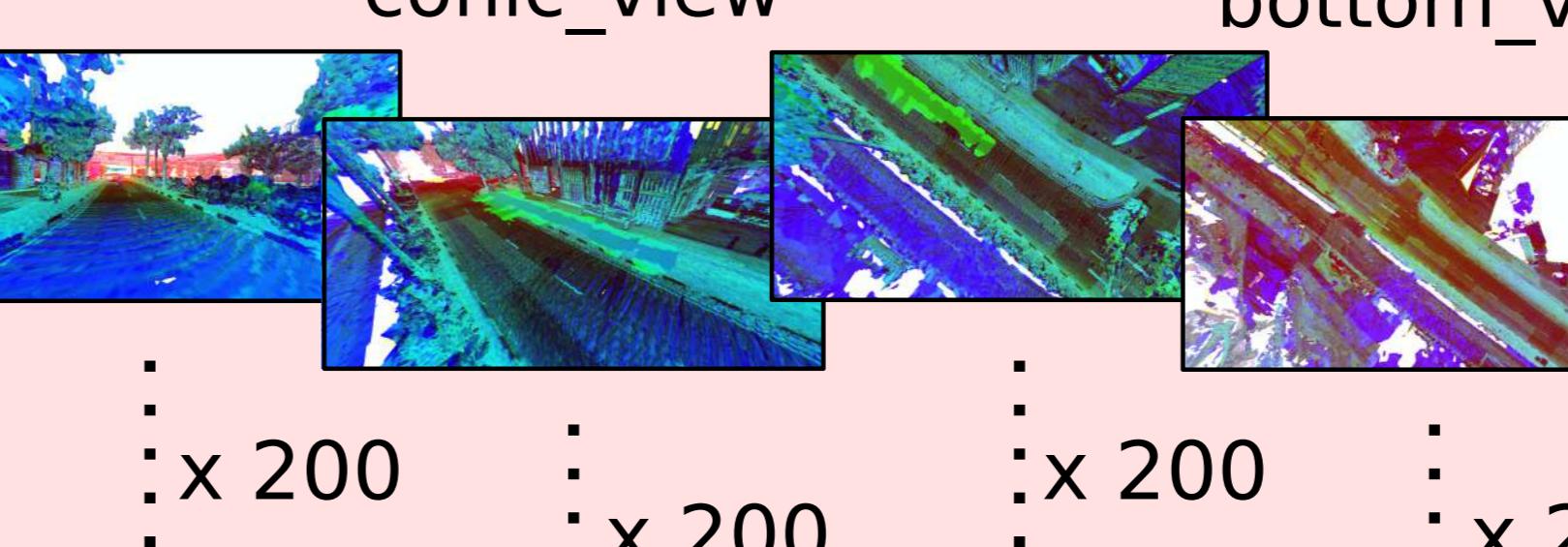


Exemple Features

car_conic_top_bottom :

- 200x car_view
- 200x conic_view
- 200x top_view
- 200x bottom_view

car_view conic_view top_view bottom_view



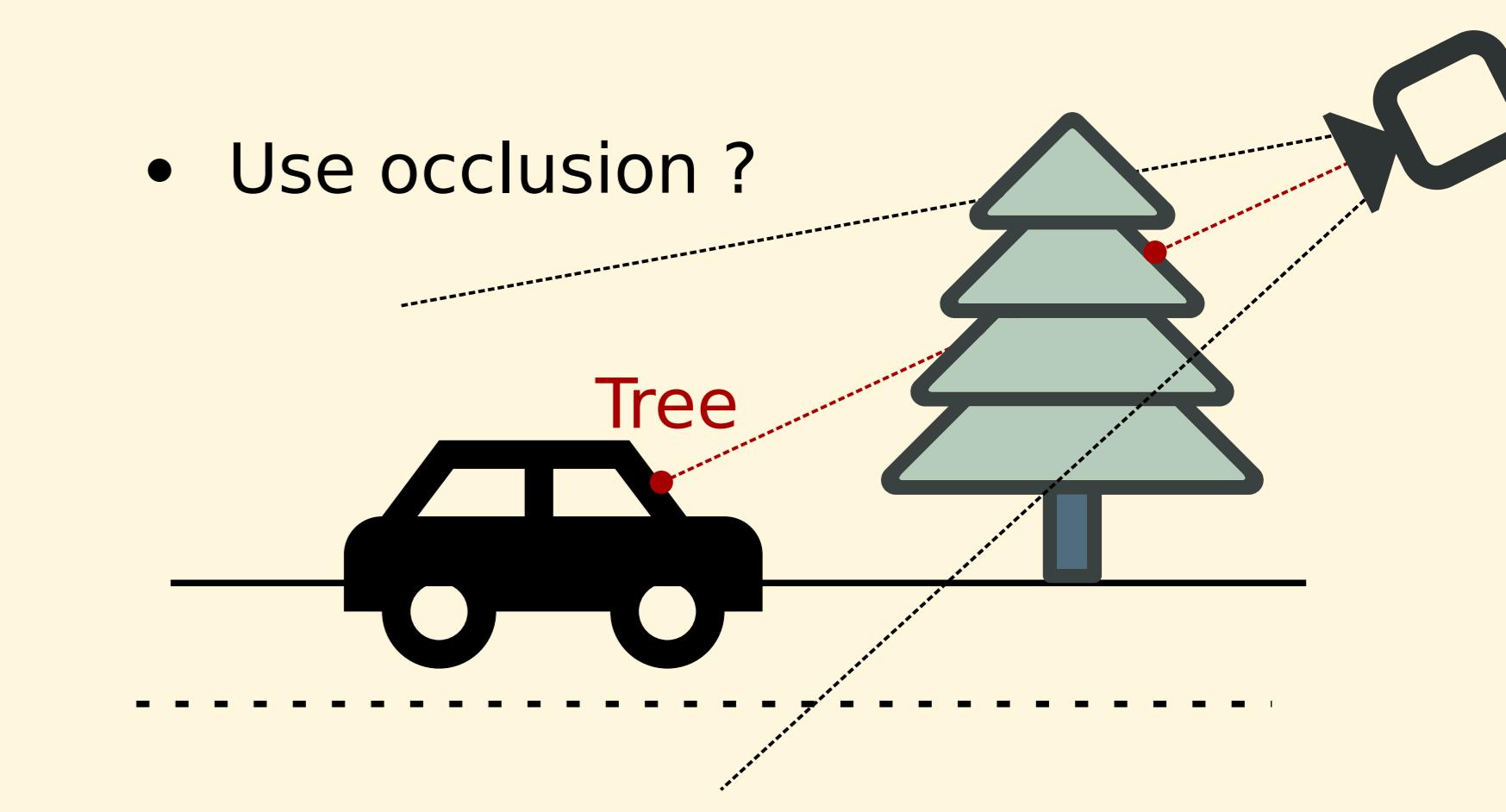
2D-3D projection and votes

Pick Your projection and voting system :

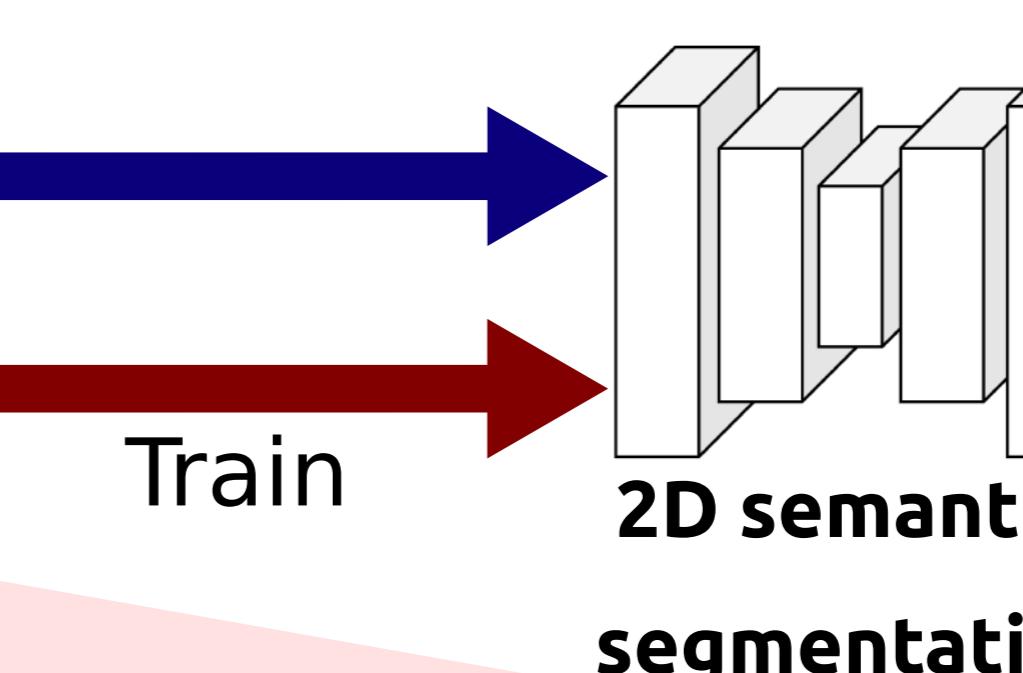
Accumulate

Segmentation Masks Logits

- Use occlusion ?



2D-3D Proj



Re-use the same views for training :

car_view conic_view top_view bottom_view

