RDD 2020

RDD 2022

Preprocessing
Data Augmentation

Deep Learning Models

Faster R-CNN
SSD
DETR
Deformable-DETR
YOLOv5
YOLOv8

Model Training and Tuning

Model Evaluation
- COCO detection metrics
- Precision, Recall, F1-score
- Inference time

Road Damage

Longitudinal Cracks
Transverse Cracks
Alligator Cracks
Potholes