

COMPUTER VISION ROOF DEFECT DETECTION

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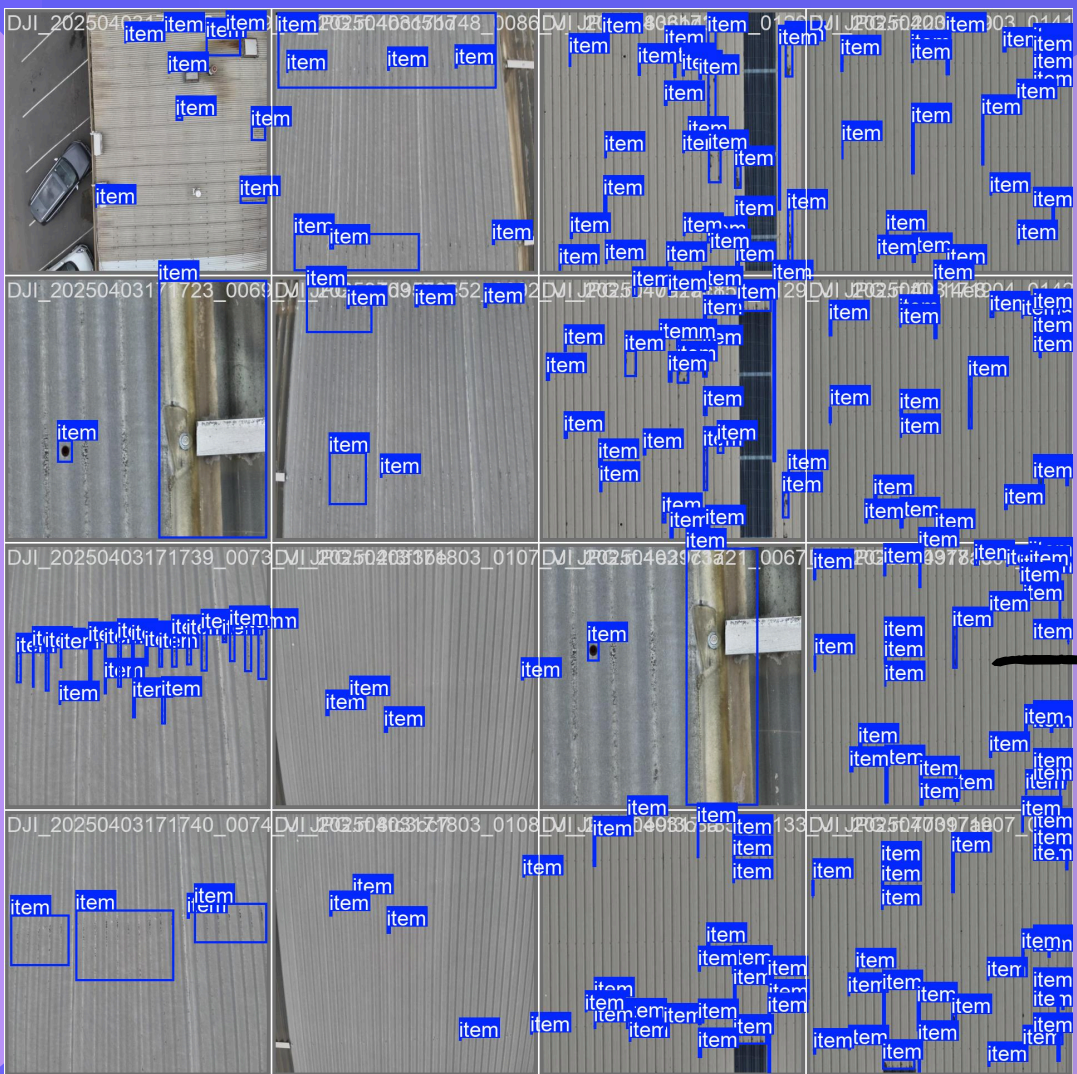
Fine-tuned YOLO 11 model with complete CLI UI for easy and simplistic user compatibility.

Including features

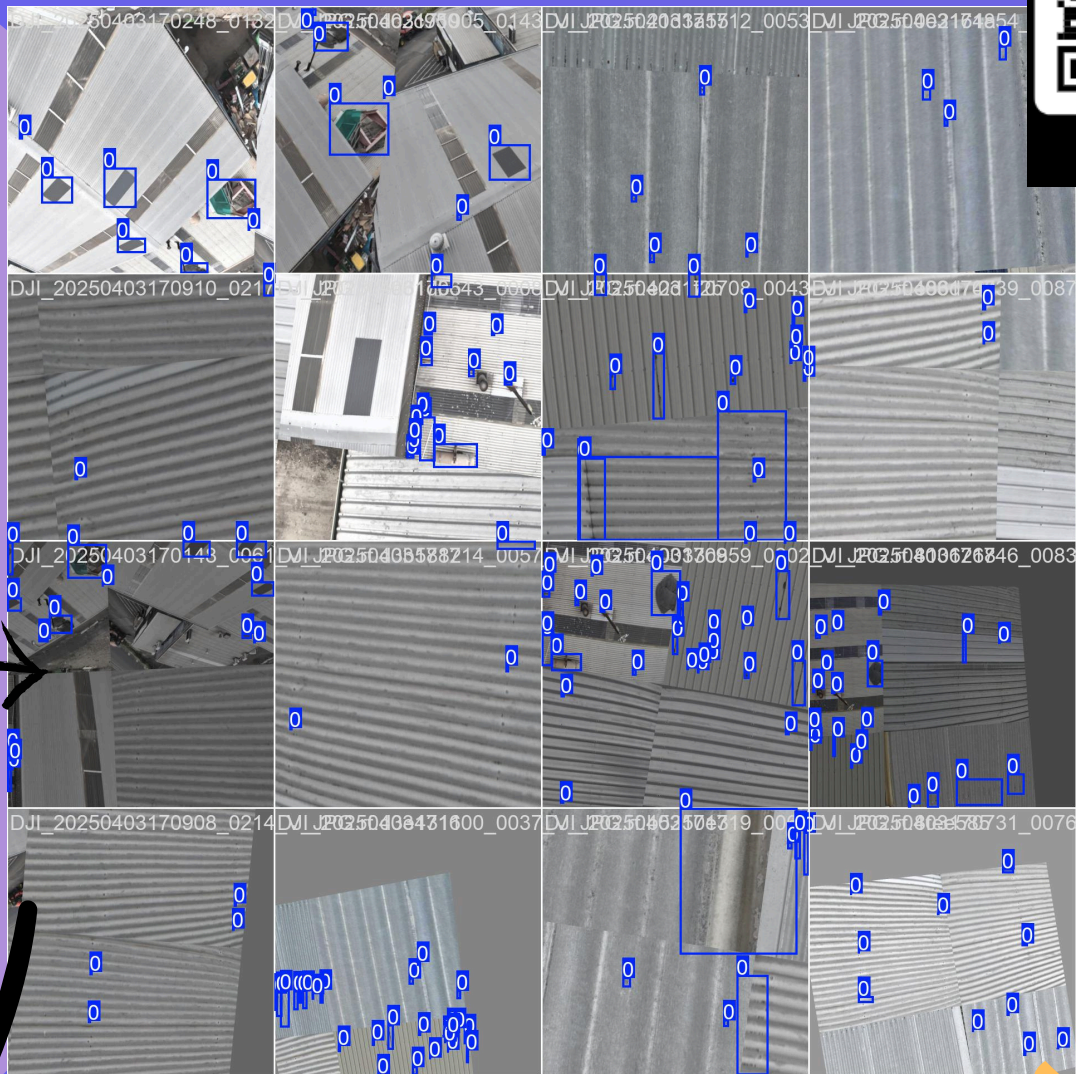
- Edge Device Compatible Image Inference
- Retractable
- Built-in Image Labelling Software (Labellmg)

Training

Manually Label Data



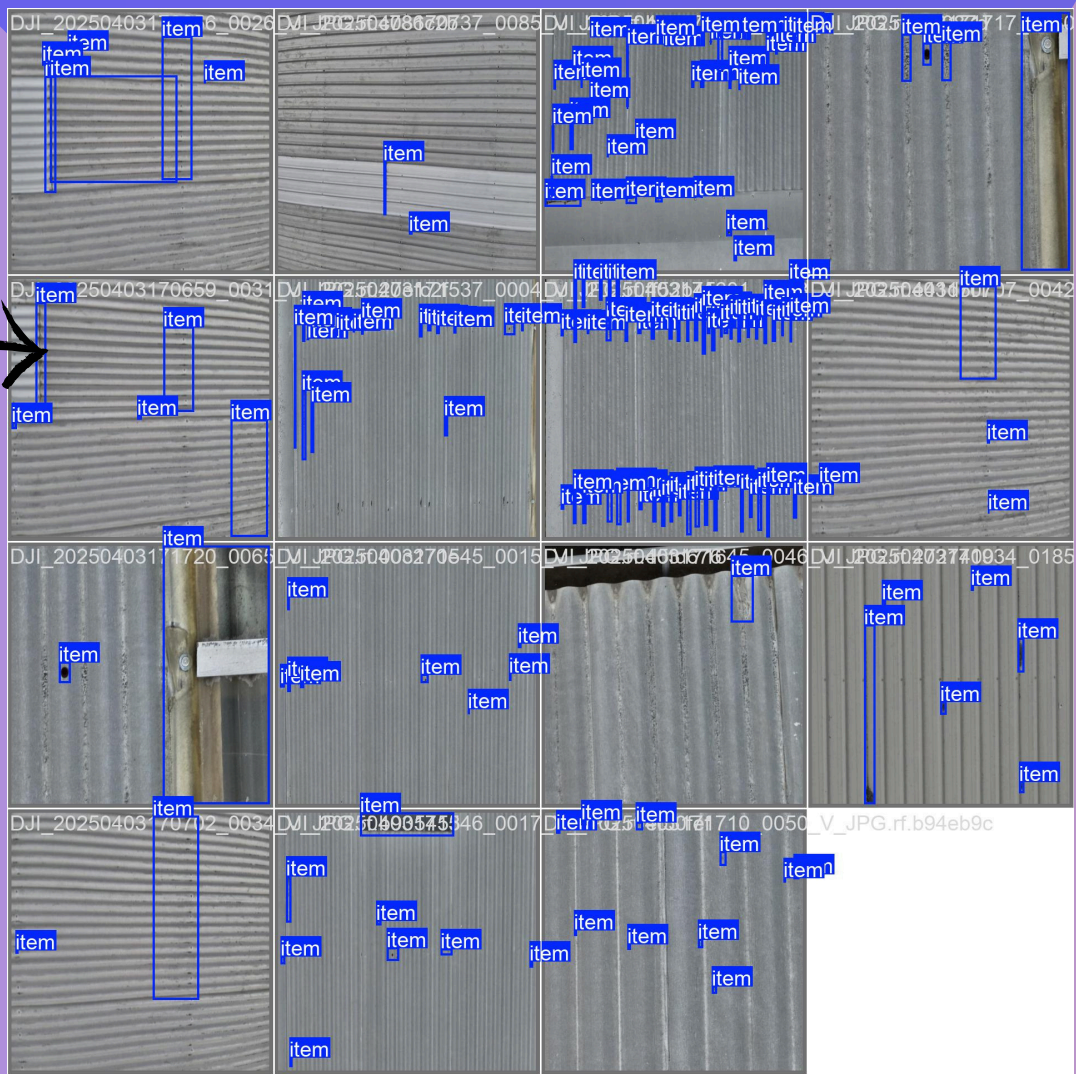
Apply Preprocessing



Validation Predictions

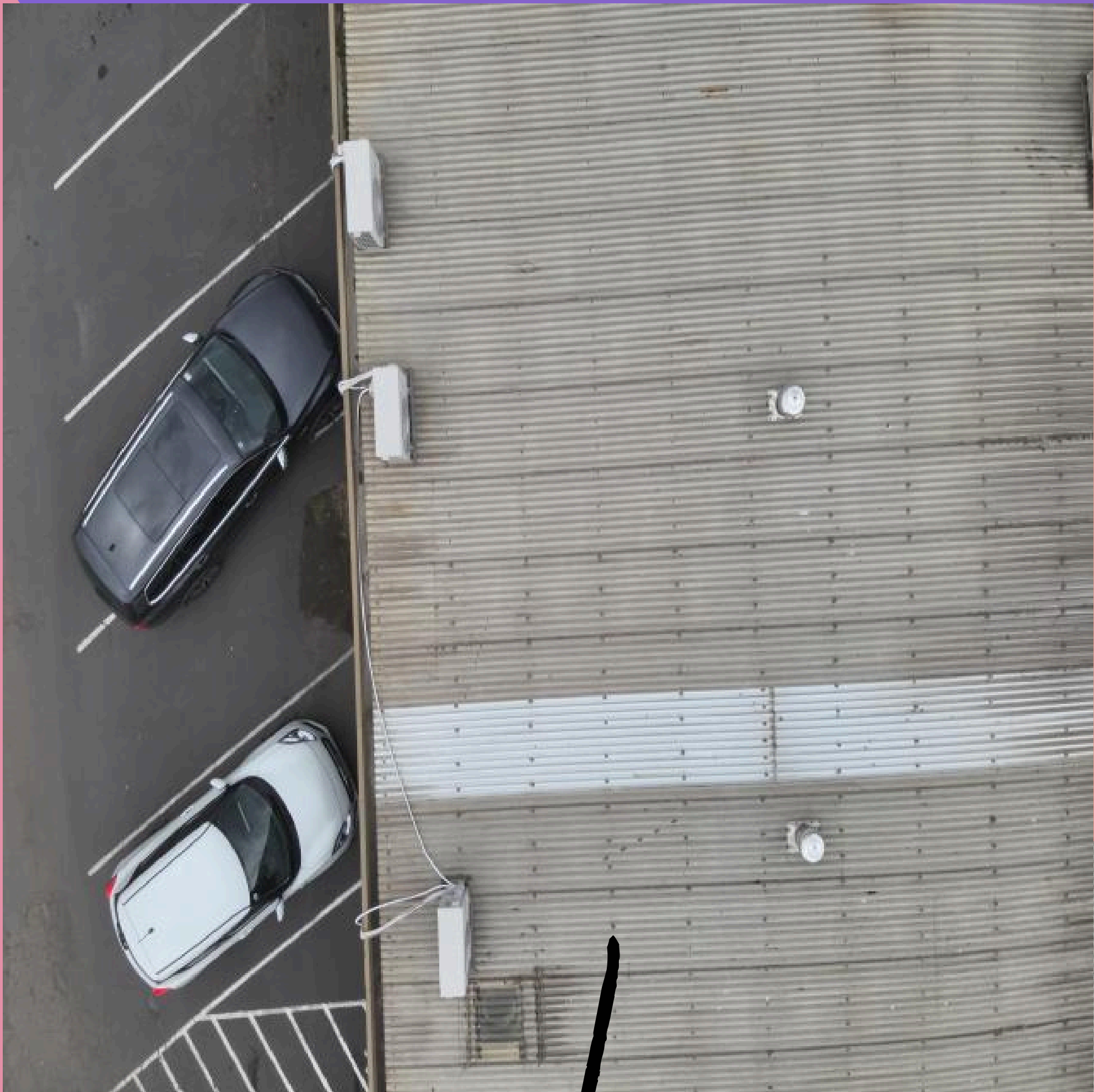


Validation Comparison



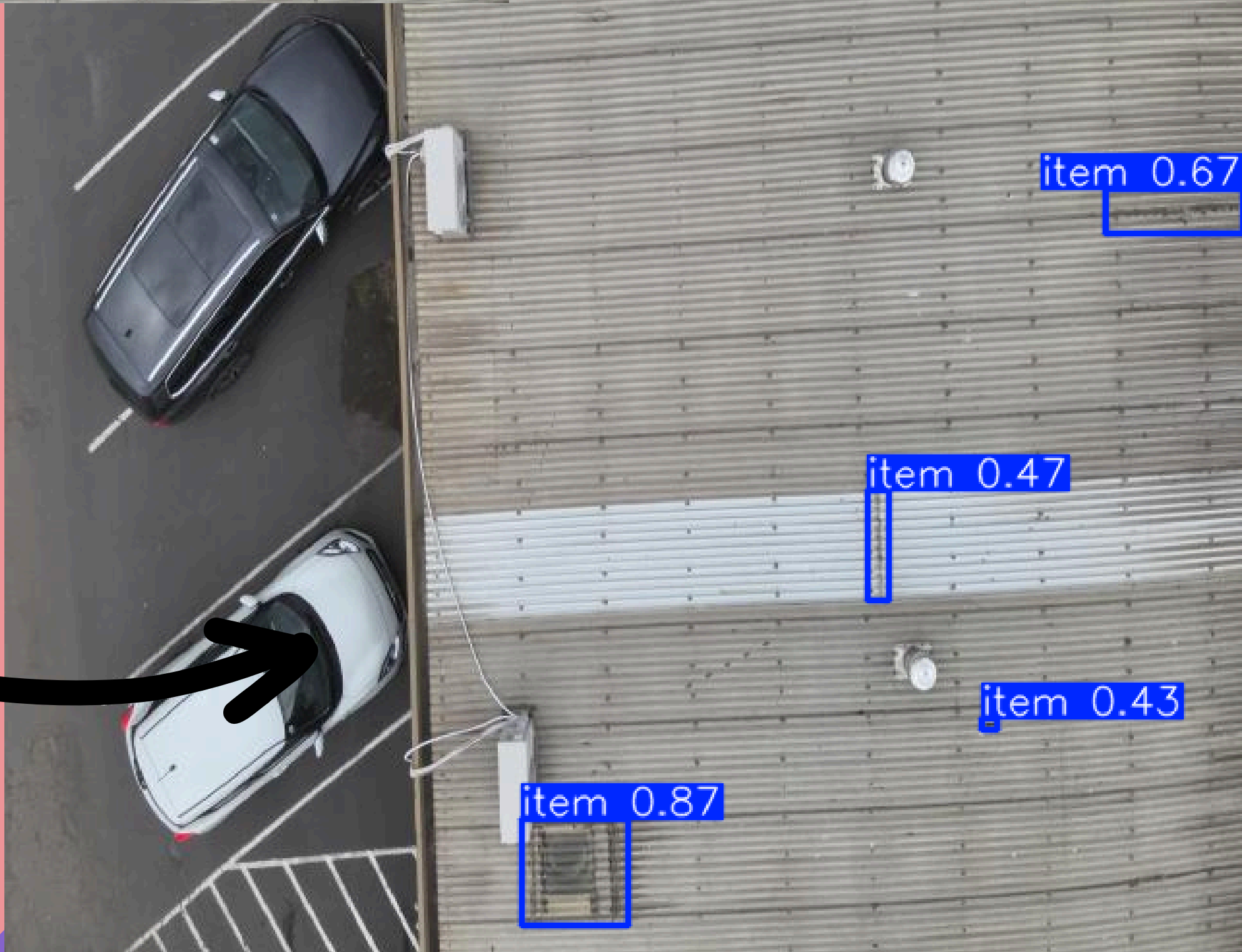
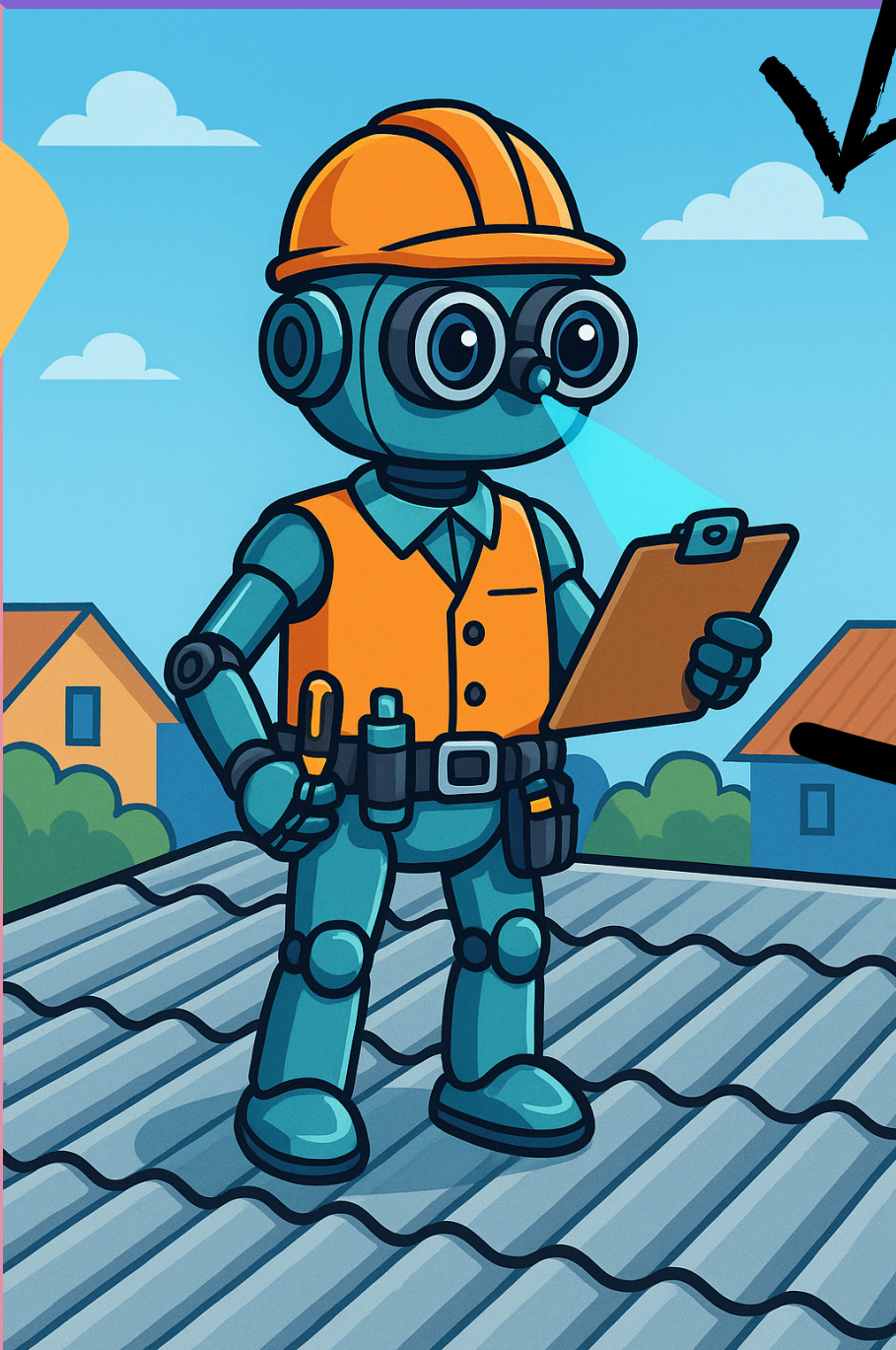
Makes

Insert image of steel roof



Inference

CVRDD Model



Roof Analysis Output