



Defect Detection and Predictive Analytics of Drone Inspection Images using AI/ML Deep Learning

Our Solution

Apply AI/ML Deep Learning for **Automatic Detection of asset defects** in images clicked by Drones/UAVs and subsequent **Predictive Analytics to predict future defects.**

Benefits

- Cost**
Reduce inspections cost by **50%+** in the long run
- Time & Effort**
20-30x faster enabling processing of thousands of images in minutes
- Accuracy**
Achieve as high as **90%** accuracy with optimized image capture

What we offer

- Conduct POC for one or more defects
- Post POC, develop AI/ML solution for all types of defects
- Deliver full AI/ML solution for deployment either in-cloud or on-premises
- Maintain and periodically re-train the AI/ ML solution

Process Flow

