

# Mafat (DDR&D) Challenge

## Detection and fine grained classification of objects in aerial imagery

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Background...

### **1 The Task**

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### **2 The Dataset**

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### **3 Challenges**

#### 1. Oriented Bounding Box

The dataset consisted of Oriented Bounding Boxes (Bounding Boxes which are not axis aligned).

All the known formats however supports axis aligned Bounding Boxes only, called Horizontal Bounding Boxes. Therefore, I had to wrap each OBB in HBB.

### **4 State Of The Art Computer Vision Networks**

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