

Predicting object positions



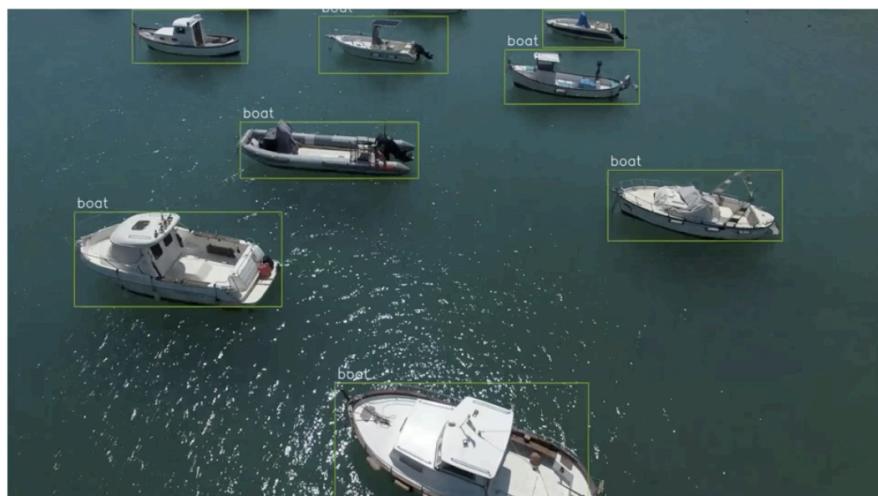
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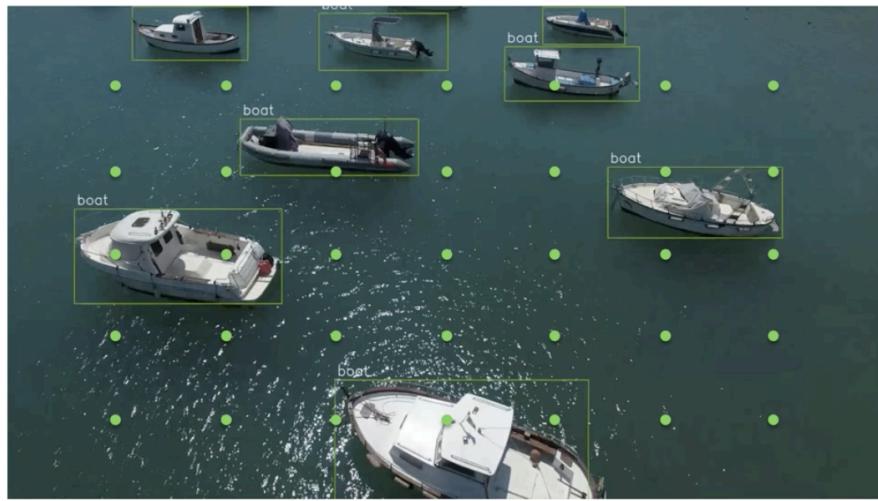


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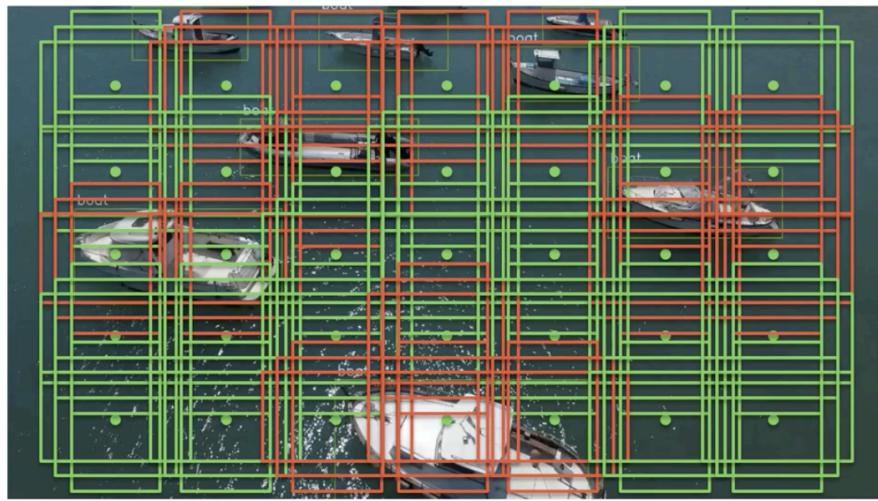
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Here we made 3 rectangles for each segment, the number can be changed.

Now in each segment separately we look for the objects for the boats. Sometimes one object might fall into several segments. In here the gray boat at one segment even detected as an airplane in other one as a boat.

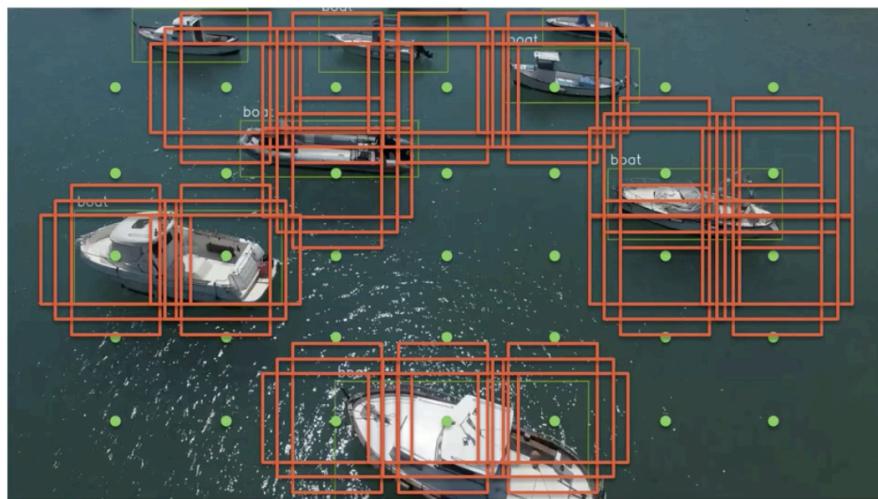
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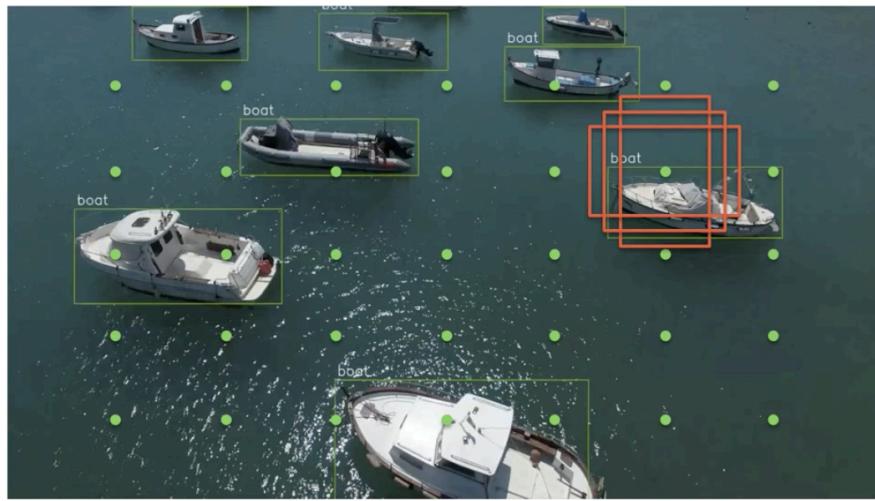
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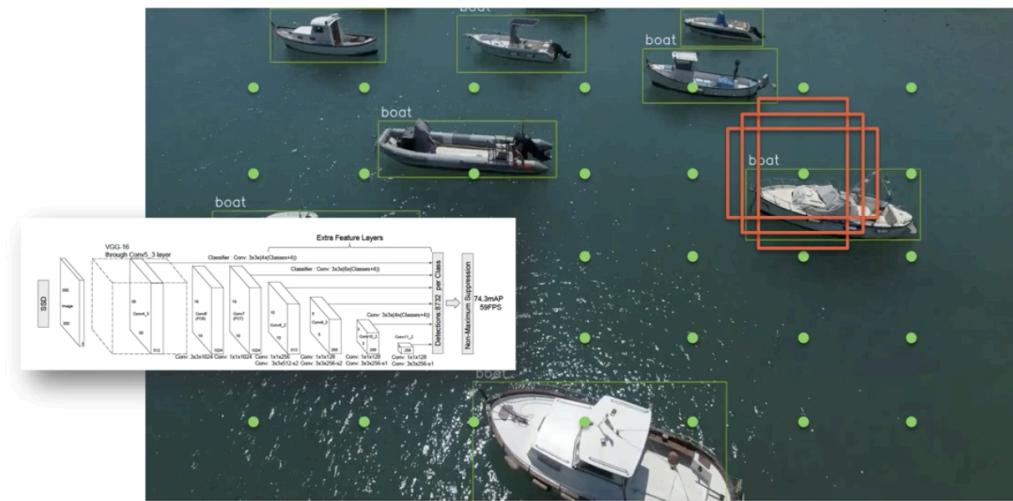
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This segment recognized a part of the boat in here not the total part and the it generalized its answer (with help of the white rectangle)

The SSD algorithms helps in two ways:

- 1- Check whether or not the white box has been detected correct or not
- 2- Check if its size is the exact and not too bigger and not too smaller. For example, if you see from the picture above, some rectangles are too big or some are too small.

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