
 YOLO-NAS is a new object detection model that has taken the computer vision community by storm.

Be one of the first movers to experience its power firsthand with these 10 Kaggle notebooks.

Dive right in and explore the possibilities 🖱️


1/ Get introduced to  YOLO-NAS and the amazing SuperGradients training library with this introductory notebook:

<https://lnkd.in/gR6fvJBh>

2/ Once you've gone through that, this template will help you solve almost any object detection task:

<https://lnkd.in/gj-6r8nP>

3/  Pistol detection


Discover how to use  YOLO-NAS to make our society safer and save lives. This notebook will guide you through the training process step by step.

<https://lnkd.in/gm-t44TM>

4/  Hard hat and vest detection

Use object detection to ensure worker safety on construction sites.


<https://lnkd.in/gHZEej69>


5/  Stadium detection from aerial images

Working with aerial images is hard, mainly because objects look so small in these images.

That's not a problem for  YOLO-NAS. See it in action here

https://lnkd.in/gzXPeF_u

6/  Ship detection from aerial images

Still not convinced that  YOLO-NAS works well on small objects?

Check out this ship detection notebook

<https://lnkd.in/gs7XcyJU>

7/ 🚧 Pothole detection

Do you live in a city that's riddled with potholes?

You can use 🚗 YOLO-NAS for pothole detection, record your daily community, then run inference on that footage and send it to your local congressperson as evidence

https://lnkd.in/g_GY_6h6

The last three are challenges I don't have prepared notebooks for.

But you can easily use the template I provided in the second tweet to get started.

8/ 🐙 Invertebrate animal detection

<https://lnkd.in/gKhhzAgn>

9/ 🚁 Drone object detection

<https://lnkd.in/g85YEyEi>

10/ 🧠 Brain tumor detection

<https://lnkd.in/giFV-pja>

Reference

<https://www.linkedin.com/feed/update/urn:li:activity:7061556020908625920/>