

Dataset Creation :

My dataset includes 100 images for training and 40 images for validation, sourced from [Kaggle](#). I labeled this dataset using [makesense.ai](#), formatted in YOLO format for object detection.

Approaches Considered:

1. Choosing YOLOv5 for Detecting Logos:

- I decided to go with YOLOv5 because it's really good at spotting things in videos quickly.
- It uses the latest technology that's known for being both fast and accurate in finding objects like logos.

2. Why Not YOLOv3?

- YOLOv3 is a bit older and doesn't work as fast or as well as YOLOv5 these days.
- It made more sense to use the newer version to make sure our detection is quick and spot-on.

3. Considering Other Models:

- Looked at a few other models like CNN.
- YOLOv5 stood out because it's easier to use and gives results in real-time without needing lots of computing power.