**(1)**



**Image**

**(2)**



**Yolov12n**

**output : [bbox, label, conf]**

**(3)**
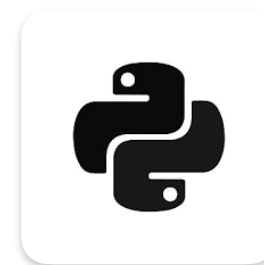


**build_ppe_json.py**

**Output : JSON format**

**(4)**



**PROMPT**

**JSON**

**(5)**



**output : summary**

**Qwen2-VL-7B-Instruct**