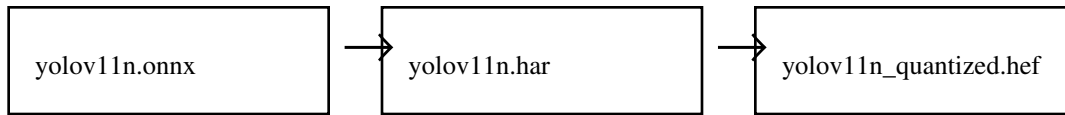


# Convert yolov11n.onnx to HEF (Hailo-8L)

## Model Conversion Flow



### 1. Activate virtual environment

```
source ~/hailo_dfc_venv/bin/activate cd ~/Downloads
```

### 2. Parse ONNX → HAR

```
hailo parser onnx yolov11n.onnx \ --hw-arch hailo8l \ --net-name yolov11n \ --har-path yolov11n.har
```

### 3. Optimize (quantize) the model

```
hailo optimize yolov11n.har \ --hw-arch hailo8l \ --use-random-calib-set \ --output-har-path yolov11n_quantized.har
```

### 4. Compile → HEF

```
hailo compile yolov11n_quantized.har \ --hw-arch hailo8l \ --output-dir .
```

**Final Output: yolov11n\_quantized.hef**