

# Lab 2.2 — Inventory Persistence

- YAML/CSV → JSON + SQLite
- Validation scripts

# Objectives

- Use `Inventory` to load YAML/CSV
- Write `common/outputs/devices.json`
- Upsert into `common/outputs/inventory.sqlite`

# Steps

1. Run `python day2_cli_to_data/00_inventory_persist.py`
2. Query SQLite: list devices per OS
3. Add one device, re-run, verify upsert

# Validation

- `sqlite-utils tables common/outputs/inventory.sqlite`
- Row count  $\geq 2$

# Stretch

- Add index on `name`
- Export report as CSV