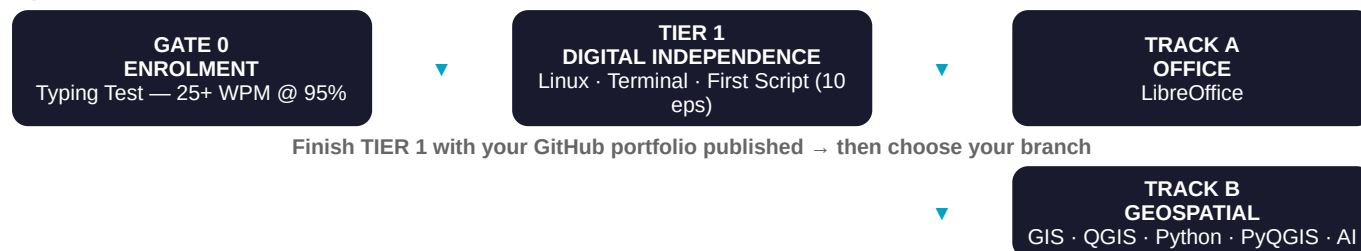


# DIGITAL INDEPENDENCE

Training Route Map · Open Source Learning Path



## 1 THE ROUTE



## 2 REQUIREMENTS — GATE BY GATE

### GATE 0 — EVERY LEARNER

Must master **typing before any class**.  
Bar: **25+ WPM at 95% accuracy**, 3 runs in a row.

Tools: Klavaro / Tux Typing (Linux) or browser trainer.

No typing master → no enrolment. No exceptions.

### TIER 1 — THE DOORWAY

Succeed in the 10-episode Digital Independence course.

Exit: quiz + script deliverable + **public GitHub repo**.

Becomes your “Digital Independence certificate.”

No Tier 1 → no Track A and no Track B. This floor stays strict.

**Policy (use as-is):** “No learner may register for any course without first passing the Typing Gate (25 WPM @ 95%). All learners must hold the Digital Independence certificate before enrolling in either the Office or Geospatial tracks. QGIS Advanced, Python, and AI modules require completion of the preceding required module.”

# DIGITAL INDEPENDENCE

Training Route Map · Page 2 — Choosing Your Branch



## A TRACK A — OFFICE PRODUCTIVITY (LIBREOFFICE)

- 1 **Calc (10 sessions)** — spreadsheets, data, formulas
- 2 **Writer (6 sessions)** — documents & reports
- 3 **Impress (4 sessions)** — presentations

Order: data first — every report starts as a table. Careers: administration, data entry, NGO reporting, teaching materials.

**Later move?** Track A graduates may join Track B with the Tier 1 certificate. Calc is a bonus, not a requirement, for GIS.

## B TRACK B — GEOSPATIAL CAREER (GIS & AUTOMATION)

- 1 **GIS & QGIS Beginners (10 weeks)** — needs Tier 1. Coordinate systems, vector/raster, map layouts, data capture.
- 2 **QGIS Advanced (4 weeks)** — needs the full beginner course. No mid-way entry.
- 3 **Python for GIS** — needs QGIS Advanced. Calc thinking recommended for attribute tables.
- 4 **PyQGIS automation** — needs Python for GIS. Batch geospatial processing.
- 5 **AI for geospatial analytics & dashboards** — last stage; builds on PyQGIS output.
- 6 **Web mapping (Folium / Leaflet)** — capstone: share interactive maps with decision makers.

*Keep the branches open: both tracks exit into the same pool. A learner may apply Office skills in community/NGO work, or continue up the GIS/Python ladder. Certificates let learners choose later — no dead ends.*

## 5 THE FIVE NON-NEGOTIABLES

1. Typing gate before enrolment
2. Digital Independence cert before any track
3. Free forever, open source
4. Old hardware (2-4 GB RAM) is the target
5. Sudanese context, simple English

*"These five are the walls of the house. Partners can help furnish it, decorate it, or add a room — but the walls stay."*