LATER IMPLEMENTATIONS FOR THIS PROJECT

1. If the router is reachable, provide a graph to show the latency of the link.

Layer 1 – Truth engine

You've built this:

- deterministic checks
- clear truths
- exit codes
- CLI tool

This is the **foundation**.

Layer 2 – Metrics collection

Before any graph exists, we must collect:

- latency values
- packet loss %
- timestamps

Layer 3 – Storage

Where do we keep the data?

- CSV (simple, MVP-friendly)
- JSON
- SQLite (later)

Still no graph — just **history**.

Layer 4 – Visualization

Now graphs make sense:

- latency over time
- packet loss spikes
- “internet health” trend

At this stage:

- matplotlib
- or a small web dashboard
- or export to Grafana later