



20. Future Research Layers

The future research layers of the MAYAN_ALFA project were defined as the long-term direction for expanding the observation framework.

Possible Future Layers

- ARM64 observation expansion,
- scaling asymmetry studies,
- throughput topology analysis,
- deterministic drift analysis,
- benchmark transition mapping.

Possible Research Areas

- NASA datasets,
- CERN observations,
- ITER structural analysis,
- energy systems,
- enterprise compute scaling.

A very important principle is that every new layer must:

- preserve release discipline,
- preserve the observation-first methodology,
- protect the interpretive layer,
- and use bounded scientific language.

Every new project layer should maintain:

- its own release workflow,
- its own DOI snapshots,
- its own QA process,
- and its own Observation Registry entries.

The project is intended to be built:

- slowly,
- consistently,
- over the long term,
- and with discipline.

The goal is not rapid hype.

The goal is a:

respected independent computational observation framework.