16_Risks_Dependencies_Assumptions

16 — Risks, Dependencies, Assumptions

Risks

- Vendor API changes; dataset outages; contradictory sources.
- Misinterpretation of predictions; reputational risk.
- Cost spikes from tile generation or egress.

Mitigations

- Abstraction layer (ERDDAP adapter); fallbacks; caching.
- Clear disclaimers; model cards; uncertainty visuals.
- Budgets, autoscaling guards, CDN.

Assumptions

- Public data remains accessible under current licenses.
- Education partners can co-create modules.