

DeFi Milestones 6–12 (Corrected to Tier 1 Scope)

This document provides the corrected Milestones 6–12, now explicitly scoped to ****completing Tier 1**** of the DeFi microLLM plan. Tier 1 is focused on mapper training and full benchmarking with synthetic latents (no WDD integration yet).

Milestone 6 — Expand Prompt Coverage

- Curate diverse DeFi prompts (swaps, deposits, borrows, liquidations).
- Normalize and map into synthetic latent format.
- Establish test set split (train/val/test).

Milestone 7 — Train Mapper

- Implement LLM-based or small ML mapper.
- Replace stub/hashmap with trained prompt → latent mapping.
- Integrate into CLI pipeline.

Milestone 8 — Benchmark Mapper

- Run benchmarks on 2–5K synthetic latent samples.
- Measure accuracy, abstain, hallucination, omission.
- Compare to Tier 0 baseline.

Milestone 9 — Integrate Verifiers

- Add DeFi invariant checks (HF, LTV).
- Wire verifiers to abstain on invalid plans.
- Unit tests for each verifier condition.

Milestone 10 — Sandbox Guards

- Integrate sandbox environment for safe execution.
- Add guardrails to reject unsafe or malformed outputs.
- Expand pytest suite.

Milestone 11 — Consolidated Benchmark

- Run full Tier 1 consolidated benchmark.

- Cross■compare mapper+verifier vs baseline.
- Collect detailed metrics (precision, recall, hallucination).

Milestone 12 — Release Tier 1 MVP

- Fold Tier 1 pipeline into micro_llm package.
- Push repo updates with docs & examples.
- Tag release for Tier 1 MVP completion.