**Continuous Optimization Feedback Loop Framework**

* **Objective**: Enable self-learning 5G network behavior refinement post-deployment.
* **Features**:
  + **ML retraining triggers** based on thresholds (e.g., user drop rate > 1%, latency spike > 20%)
  + Integration with data lakes (e.g., BigQuery/Snowflake) to ingest real-time usage metrics
  + Dynamic policy tuning (e.g., adaptive beamforming, traffic steering rules)
* **Tools**:
  + TensorFlow/Kubeflow pipelines for periodic retraining
  + Edge AI modules deployed on gNBs
* **Framework Diagram**: [ML monitoring → Anomaly detection → Policy suggestion → Retraining/rollout]
* A consolidated **README summary** covering this entire phase, or
* All **phases combined into a final portfolio summary** for GitHub/LinkedIn showcase?