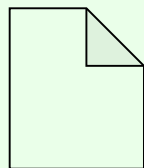


Management subsystem



Definition of use cases

- Optimization goals
- Policies & constraints
- Chaining requirements

Model management

Select (update) the ML model according to the use case, chaining of elements, training...

Model evaluation

Monitor the performance of the selected ML models and decide deployment to production

2. Setup simulation environment

5. Evaluate model

1. Feature extraction

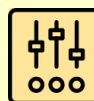
7. Monitoring

3. Select model

8. Update model

Sandbox

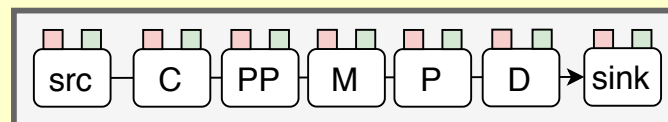
Simulated network



Simulation parameters



Output (KPIs, training data...)



ML Underlay Network

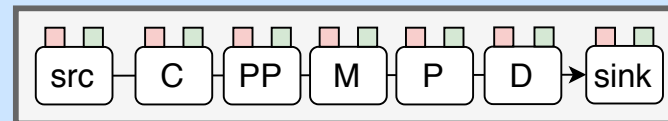
Live network



Feature extraction

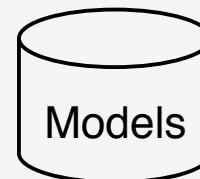


Performance monitoring

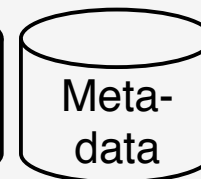


ML Marketplace

- Host & deliver ML models
- Update ML models



Models



Meta-data

ML Pipeline

- Data collection
- Pre-processing
- Policy
- Model execution
- Output distribution

4. Push model

6. Push model