

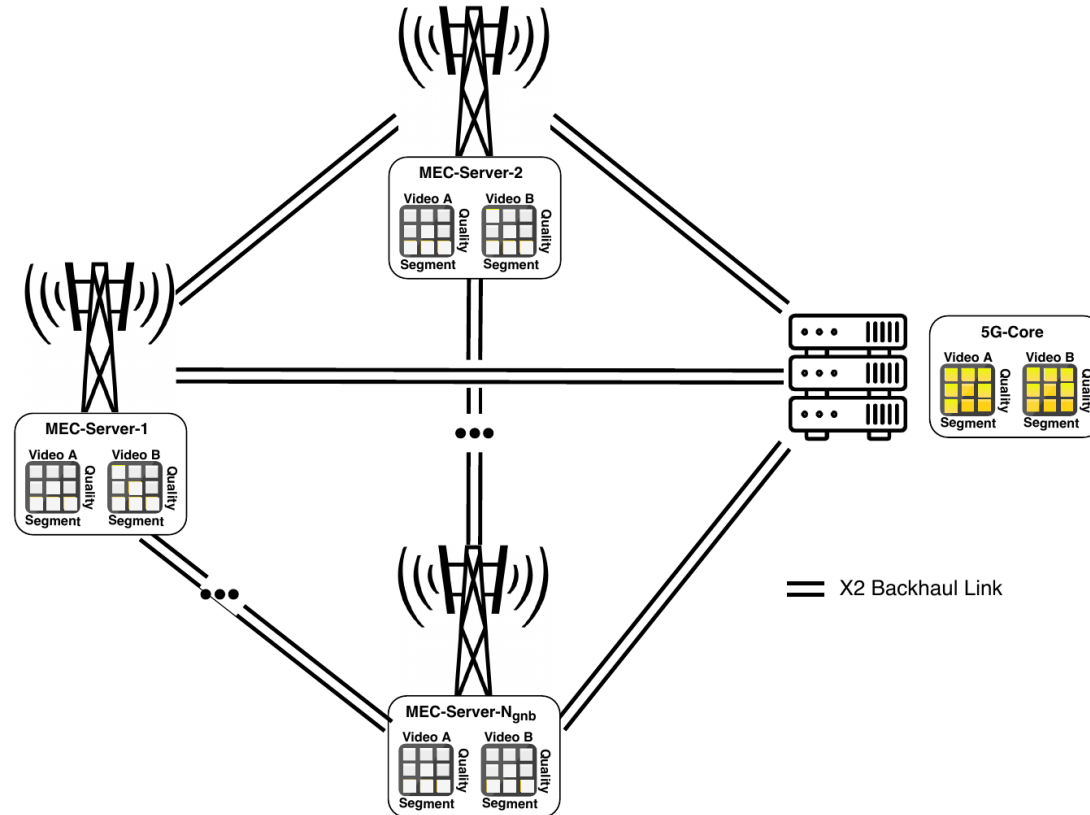
Updates on DASH

Rasoul, Akhila, Daniel

Stockholm, Sweden

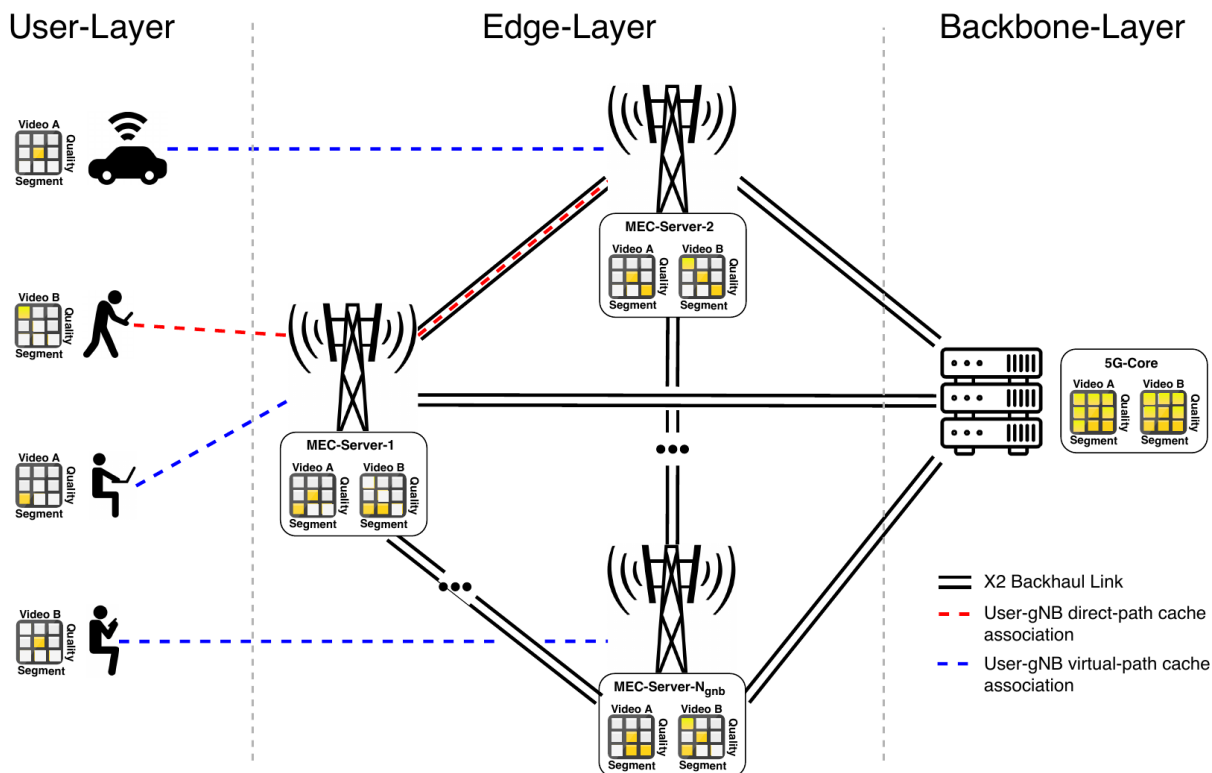
Overview

Initial situation

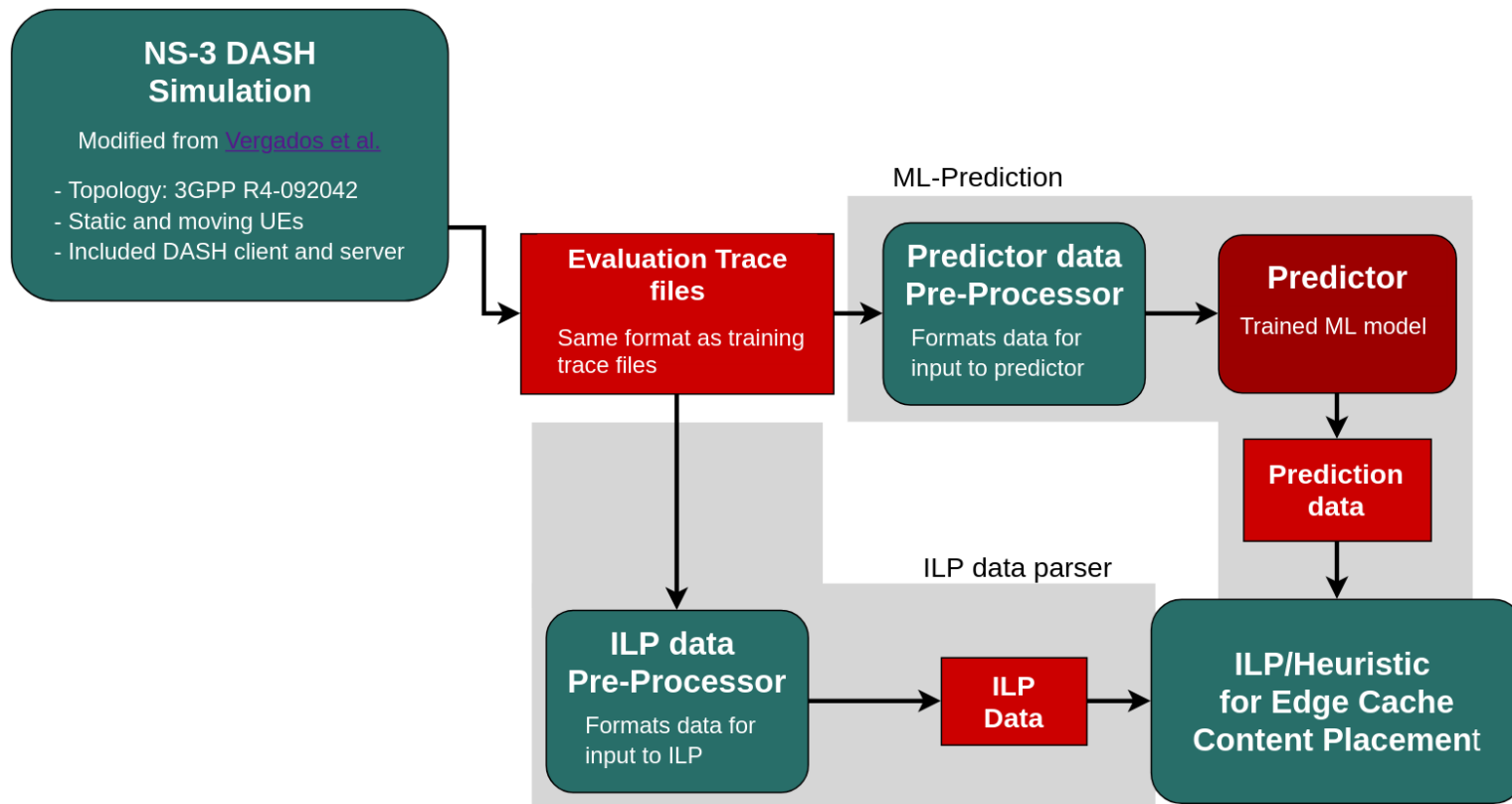


Overview

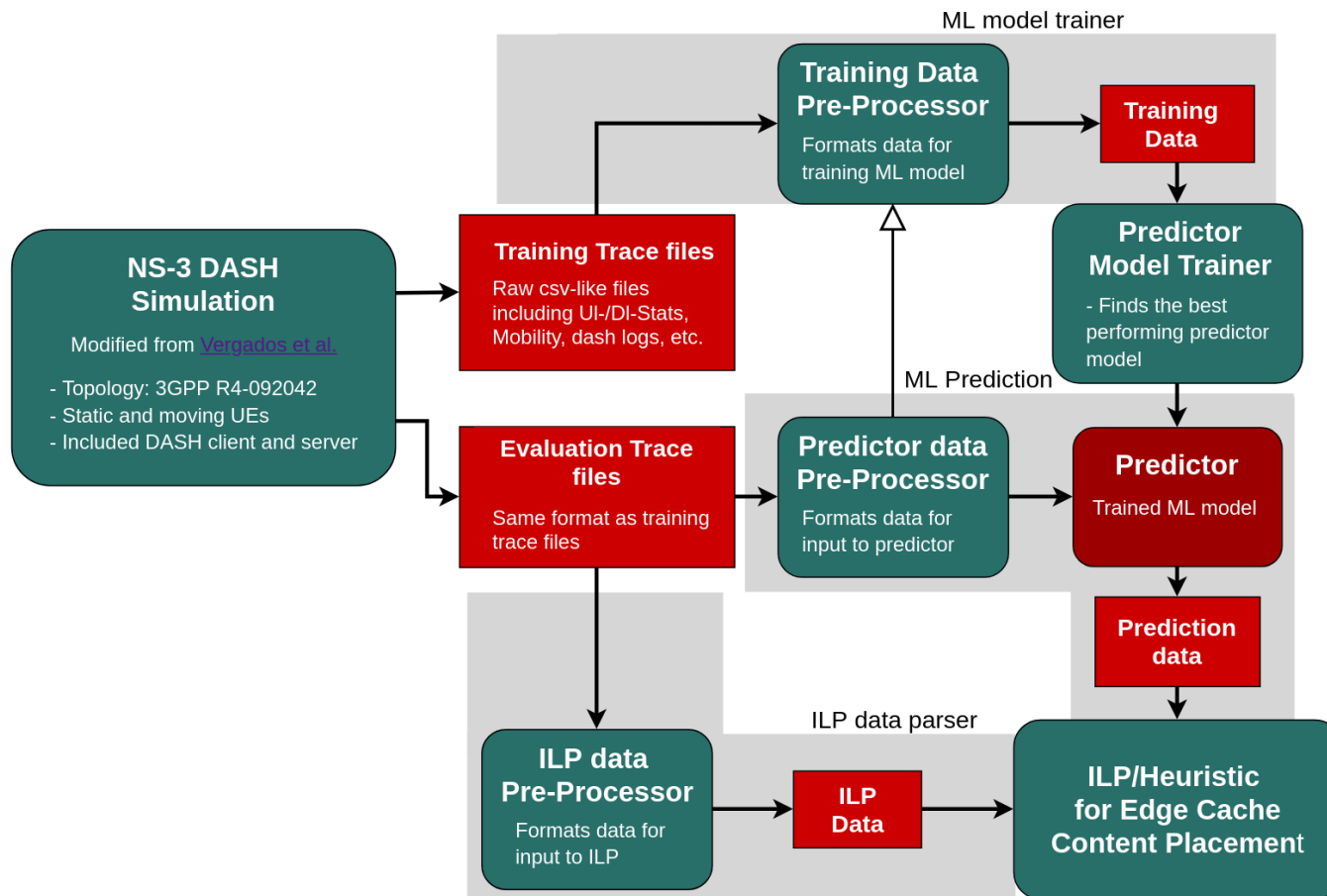
After each '*decision period*': ILP decides where to cache content at Edge layer based on output from a prediction algorithm



High-Level component interaction

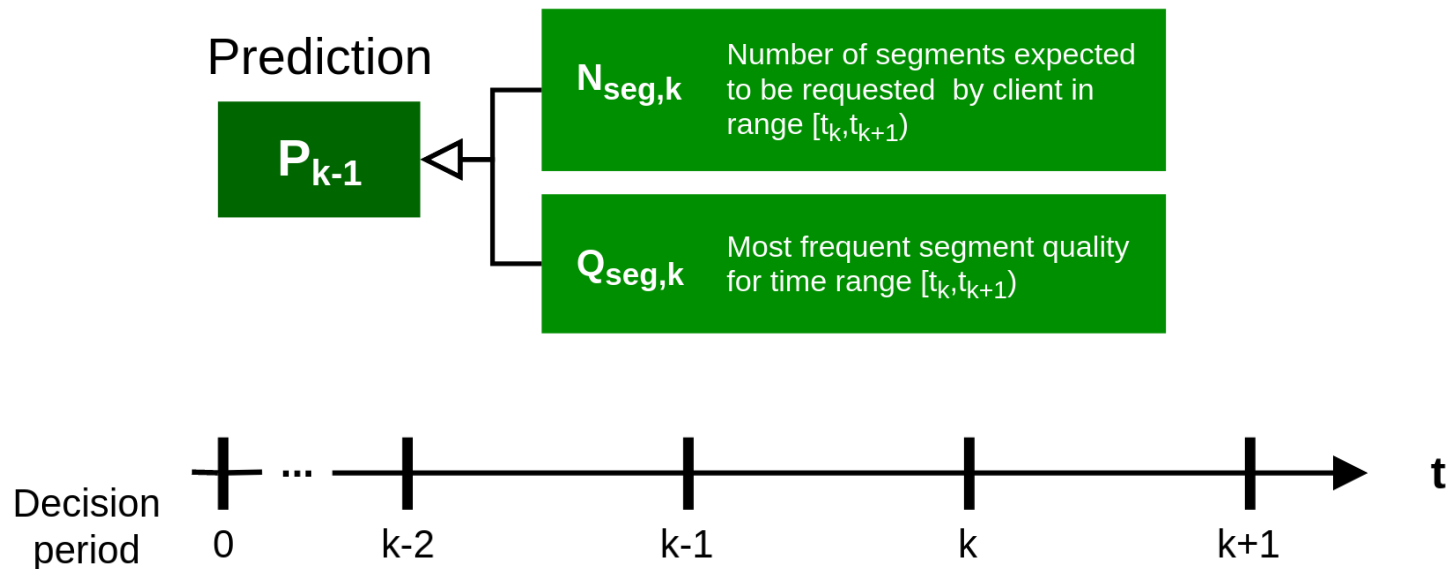


High-Level component interaction

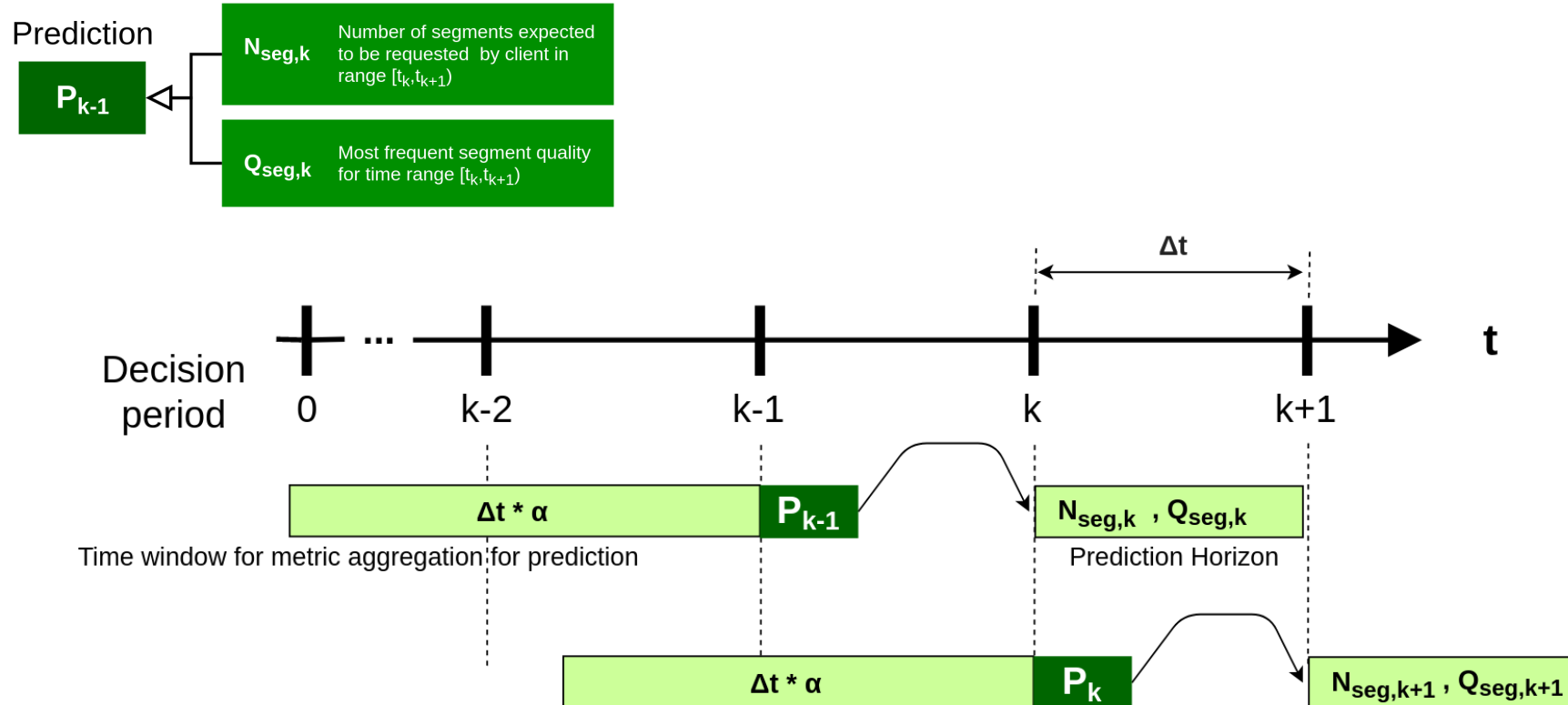


On the prediction procedure

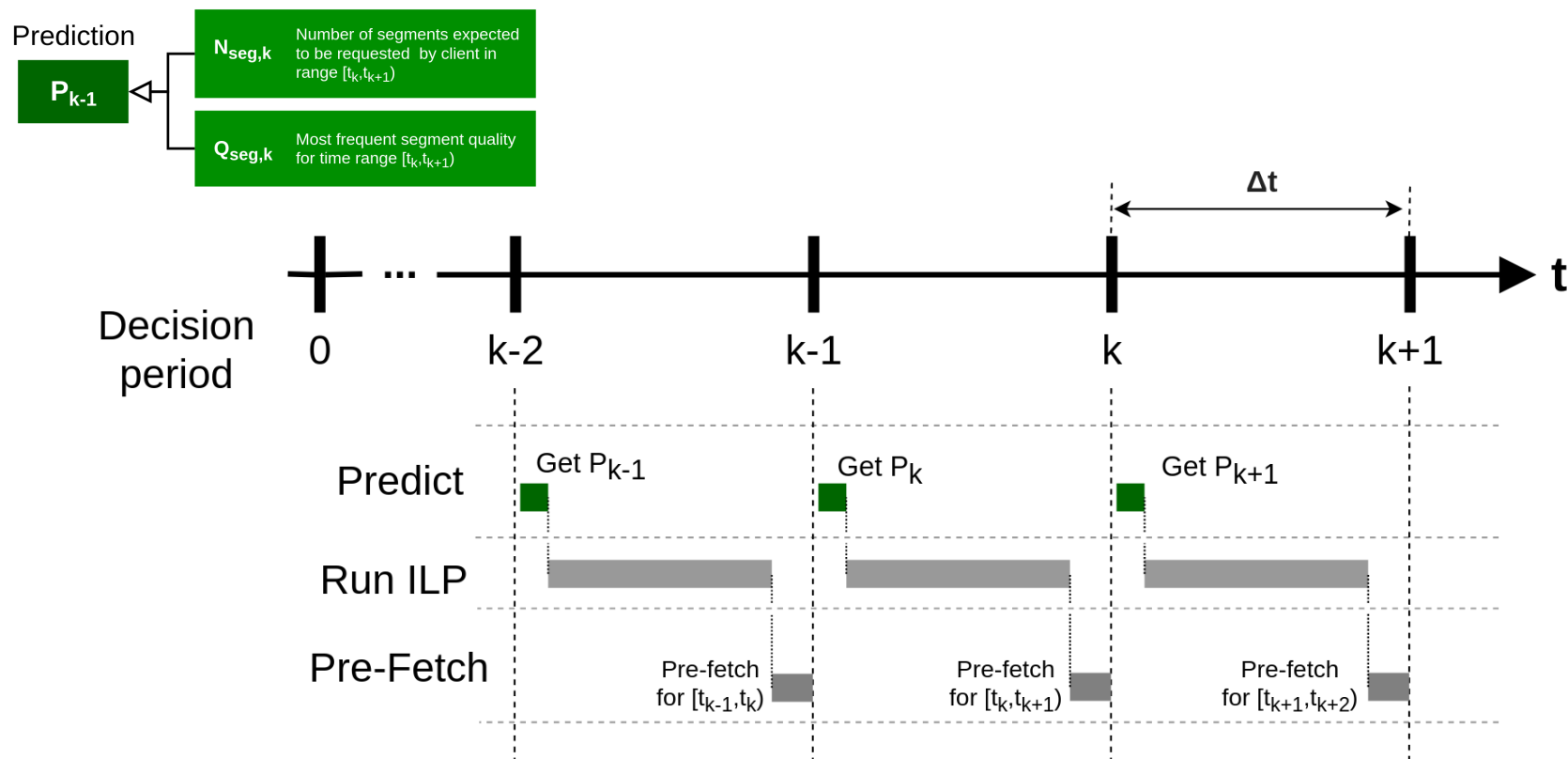
Prediction consists of 2 values:



On the prediction procedure

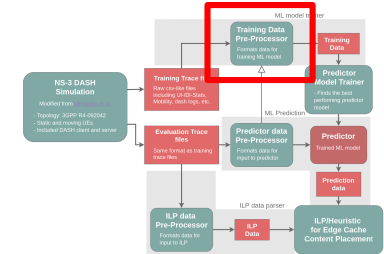
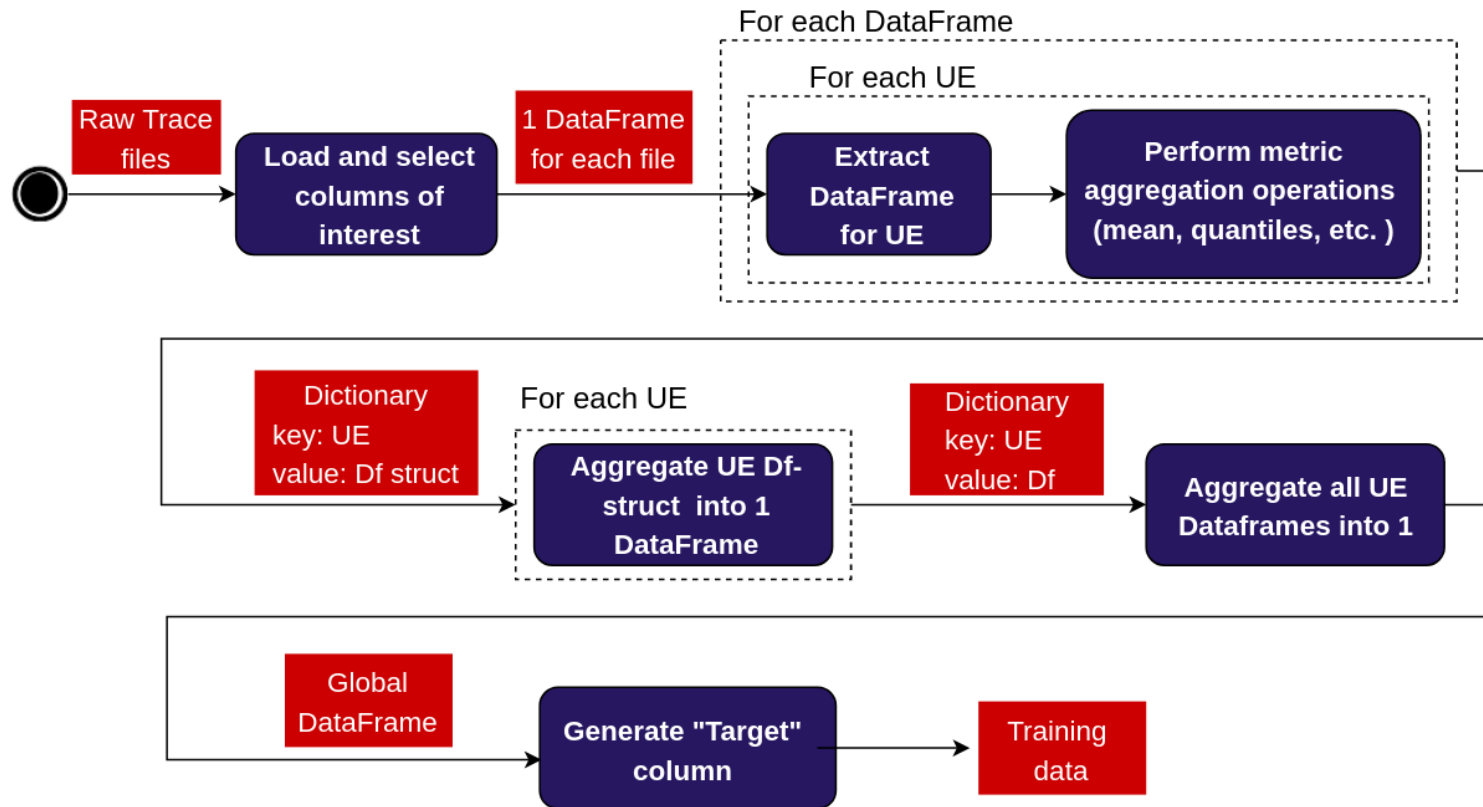


Prediction + ILP runtime + Pre-fetching

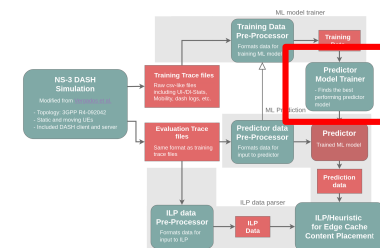
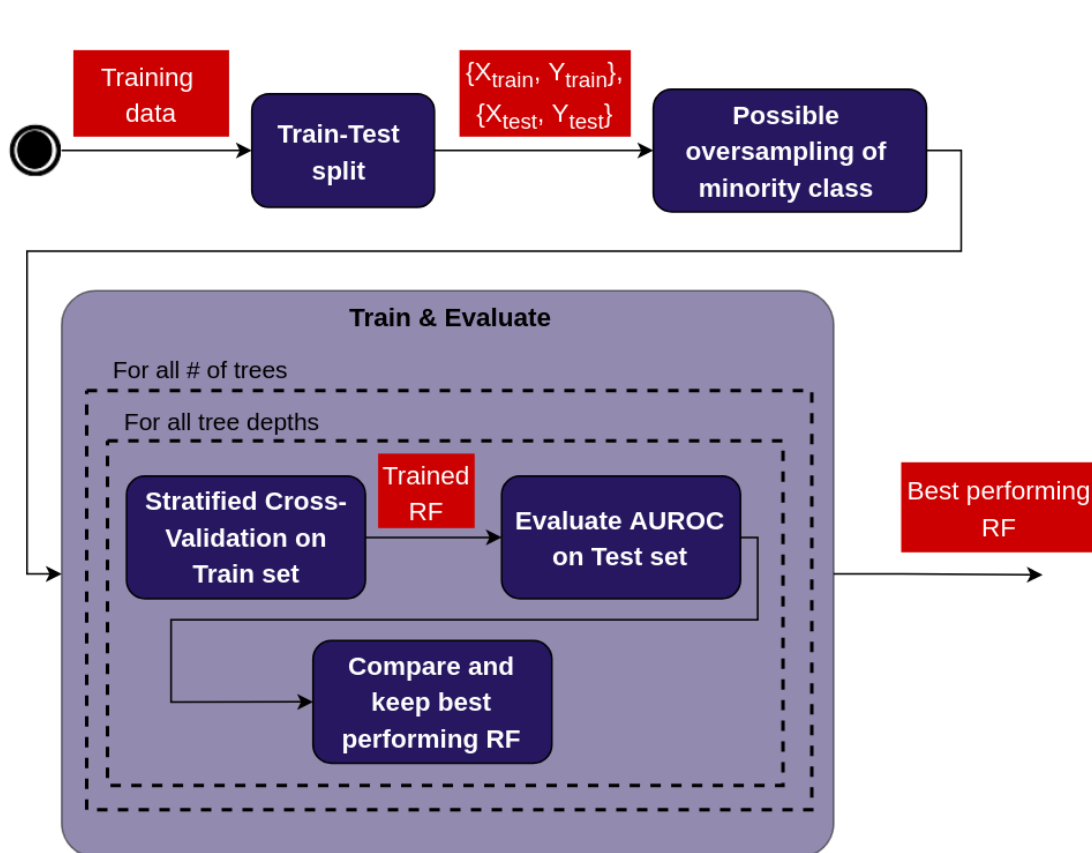


* Boxes are not proportional to the time it takes to run each procedure.

Training Data Pre-processor



Predictor-model trainer: Random Forest



Thanks

.

Network Intelligence Group
RISE Research institutes of Sweden AB