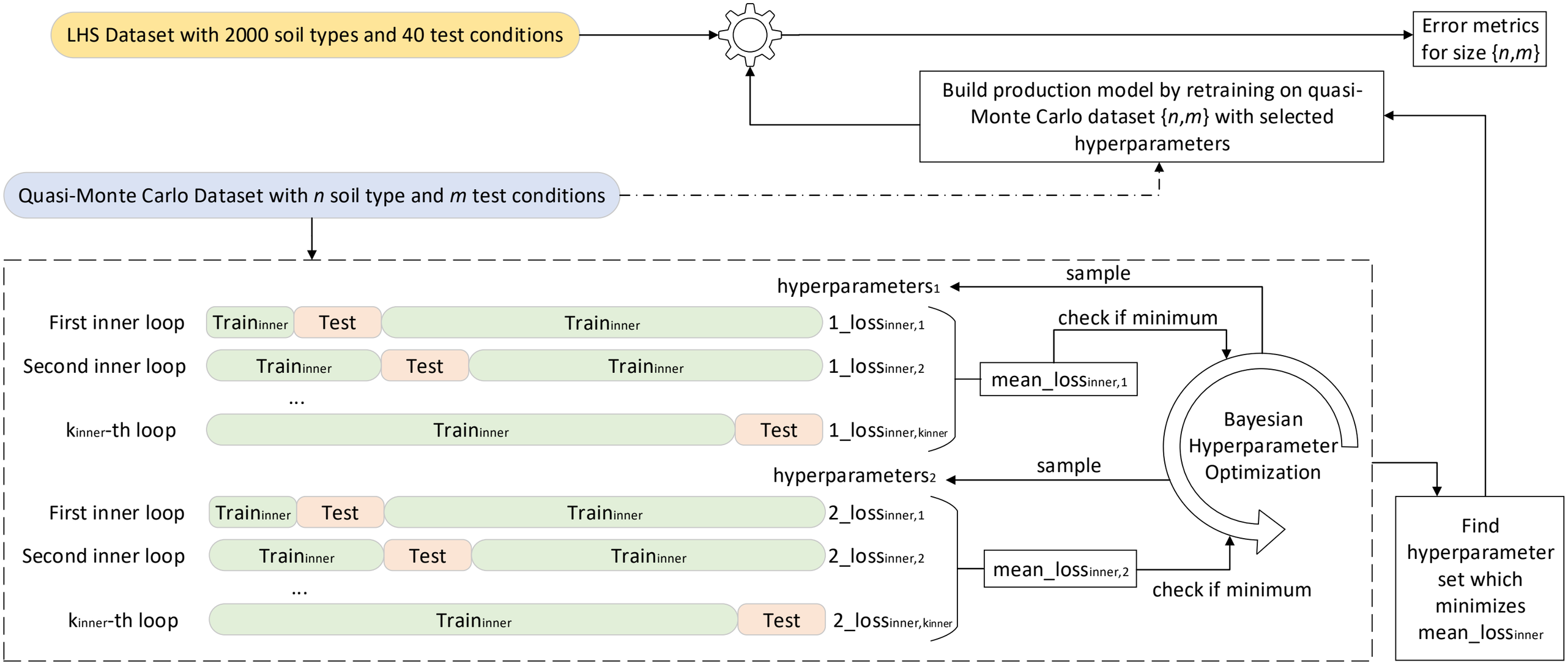
LHS Dataset with 2000 soil types and 40 test conditions
Error metrics for size {n,m}
Build production model by retraining on quasi-Monte Carlo dataset {n,m} with selected hyperparameters
Quasi-Monte Carlo Dataset with n soil type and m test conditions
hyperparameters1
sample
First inner loop
Second inner loop
...
kinner-th loop
Traininner
Test
1_lossinner,1
1_lossinner,2
1_lossinner,kinner
check if minimum
mean_lossinner,1
Bayesian Hyperparameter Optimization
hyperparameters2
2_lossinner,1
2_lossinner,2
2_lossinner,kinner
mean_lossinner,2
Find hyperparameter set which minimizes mean_lossinner