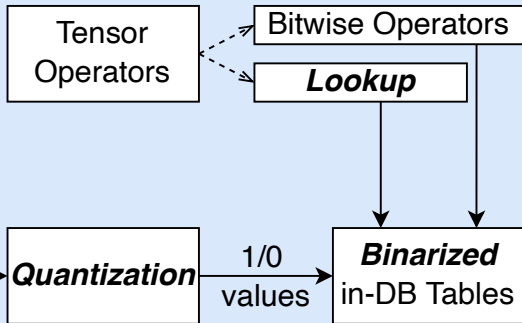


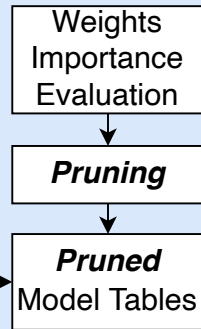
Offline Stage

Online Stage

DBMS-oriented Parameter-driven Model *Simplification*

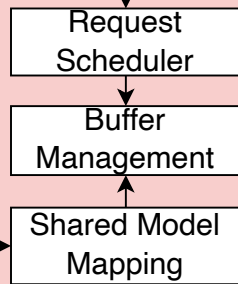


Model *Structure* *Optimization*



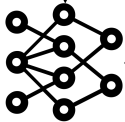
in-DB Model *Sharing* and *Scheduling*

Inference SQL Requests



TensorFlow/
PyTorch....

Offline Training



Neural Network Models