2020-04-02 - Launch

KDD CUP 2020 LDR Dispatch Winner Report

Team: Polar Bear

Members: Yansheng Wang

Dingyuan Shi

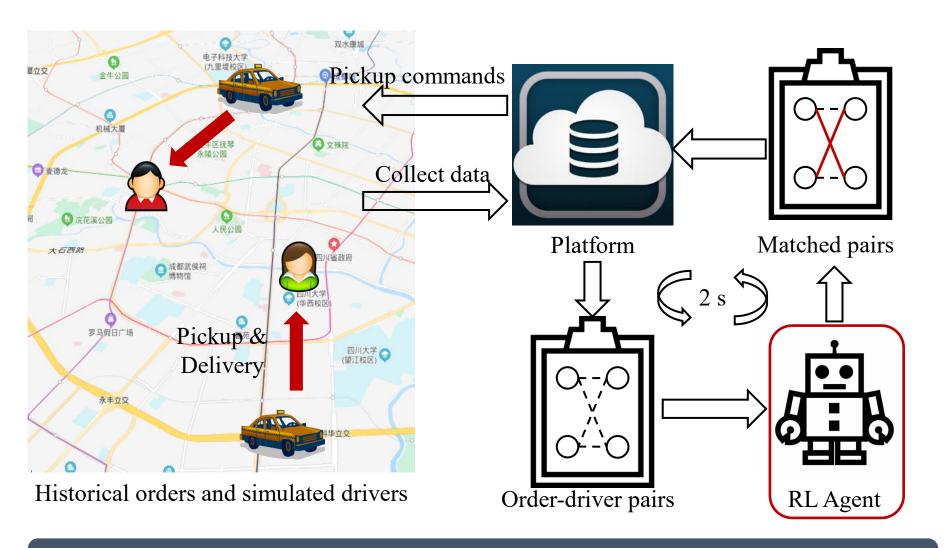
Yuanfei Luo

Maoxiaomin Peng

Yi Xu

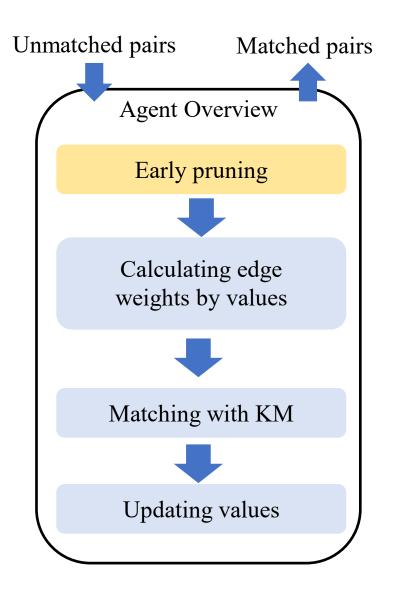
Yongxin Tong

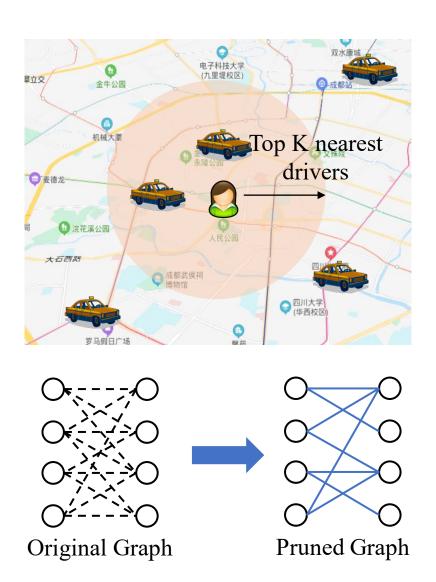
Problem

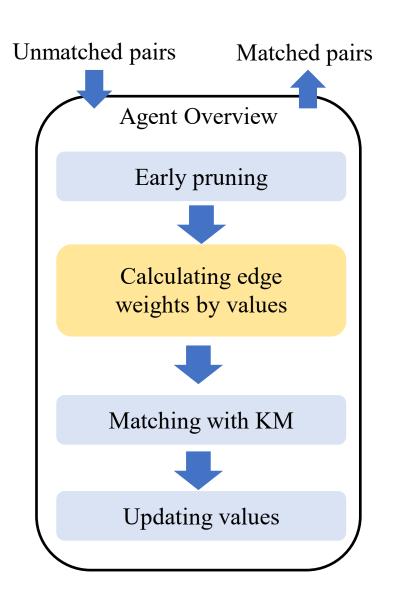


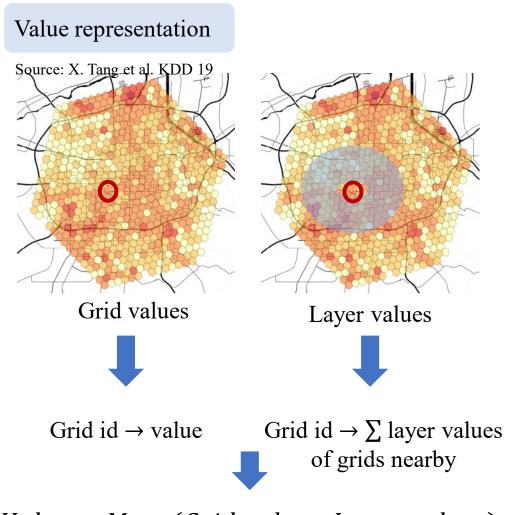
Objective: Maximize Mean Total Driver Income

Unmatched pairs Matched pairs Agent Overview Early pruning Calculating edge weights by values Matching with KM Updating values

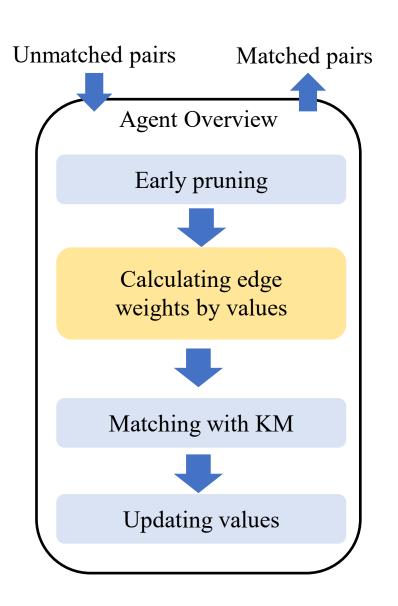




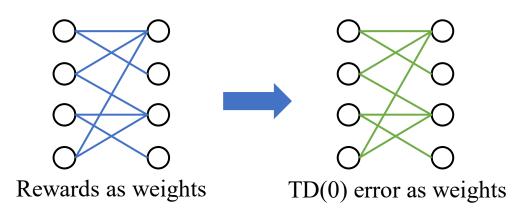




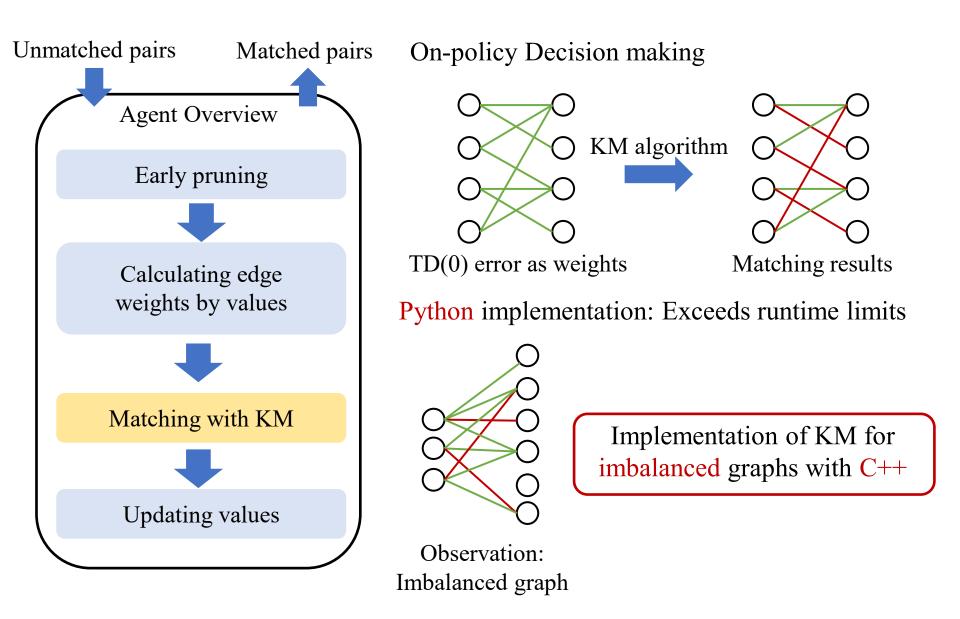
 $Value = Mean(Grid\ values, Layer\ values)$

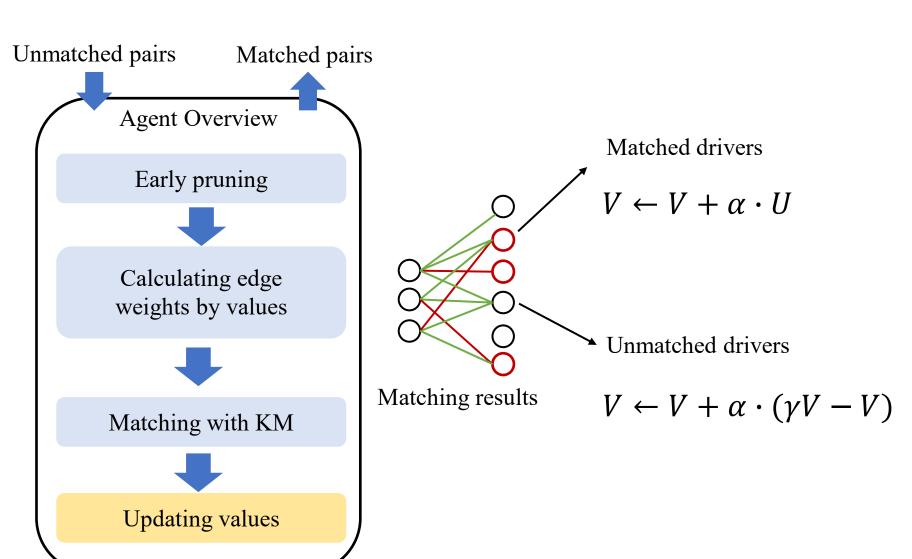


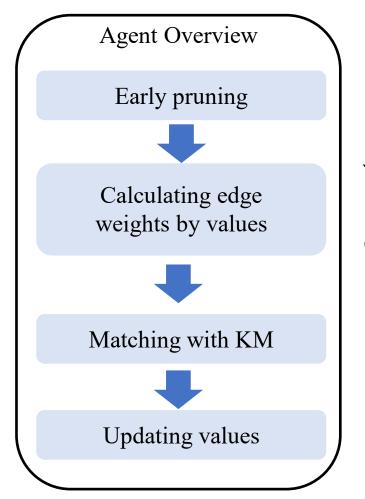
Weight Calculation

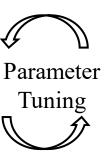


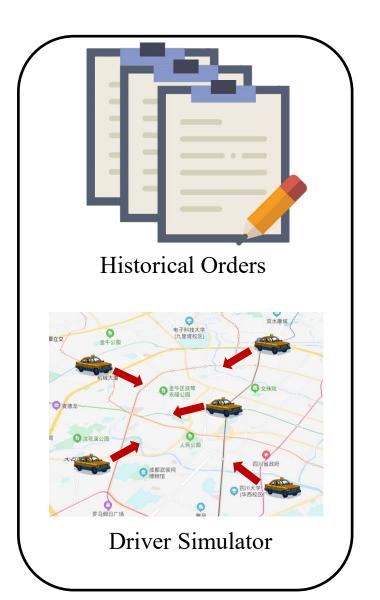
○ 成都武侯祠 博物馆











Our Team

Team Leader



Yansheng Wang Beihang University



Dingyuan Shi Beihang University



Yuanfei Luo 4Paradigm Inc.



Maoxiaomin Peng



Yi Xu Beihang University Beihang University

Team Coach



Yongxin Tong Professor Beihang University

Thanks!