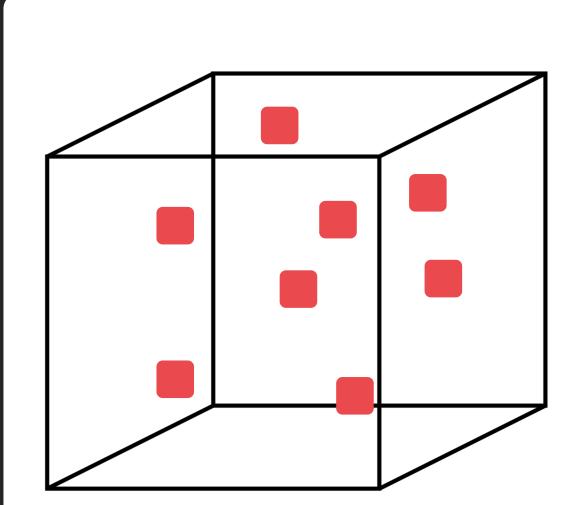
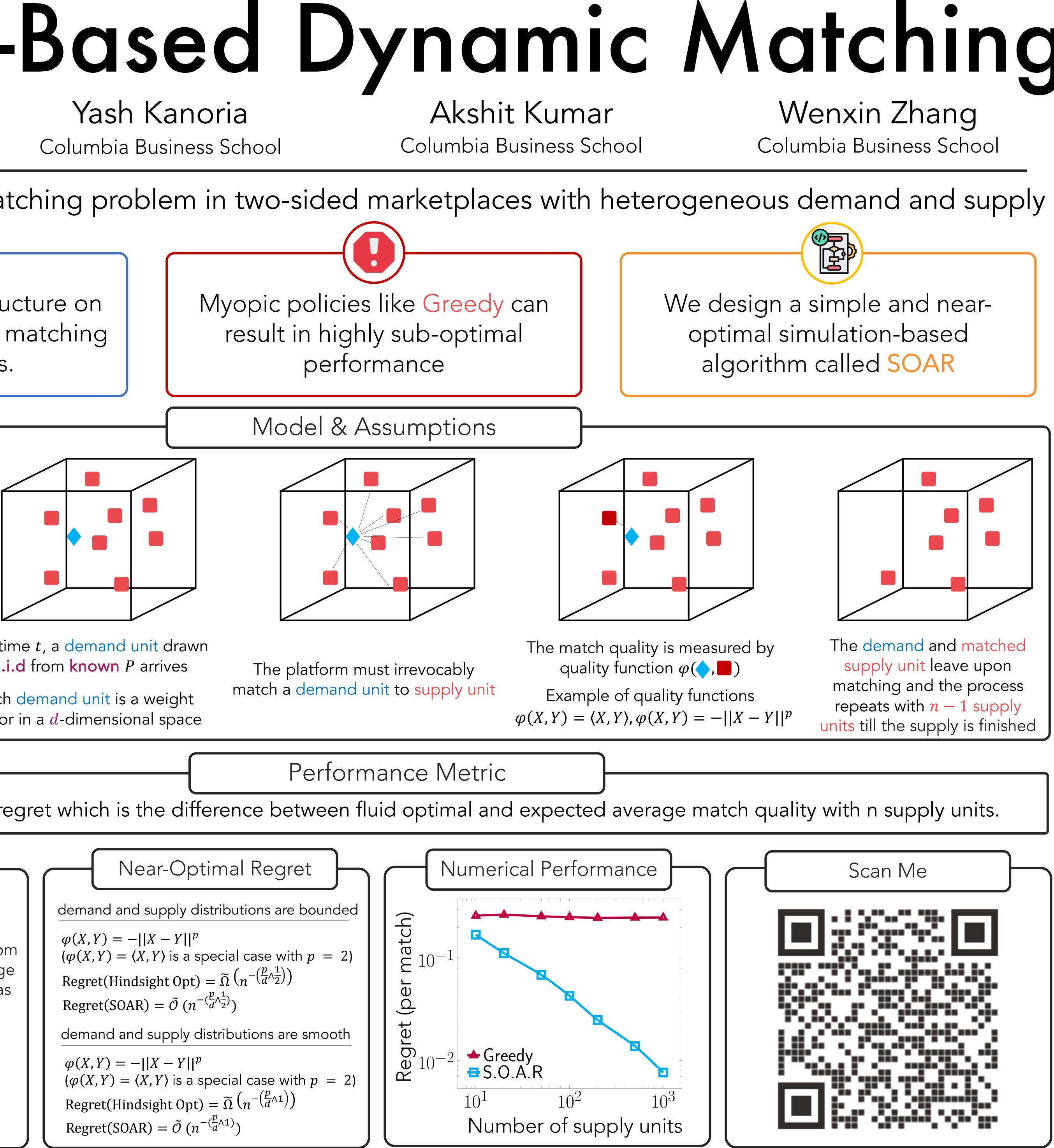
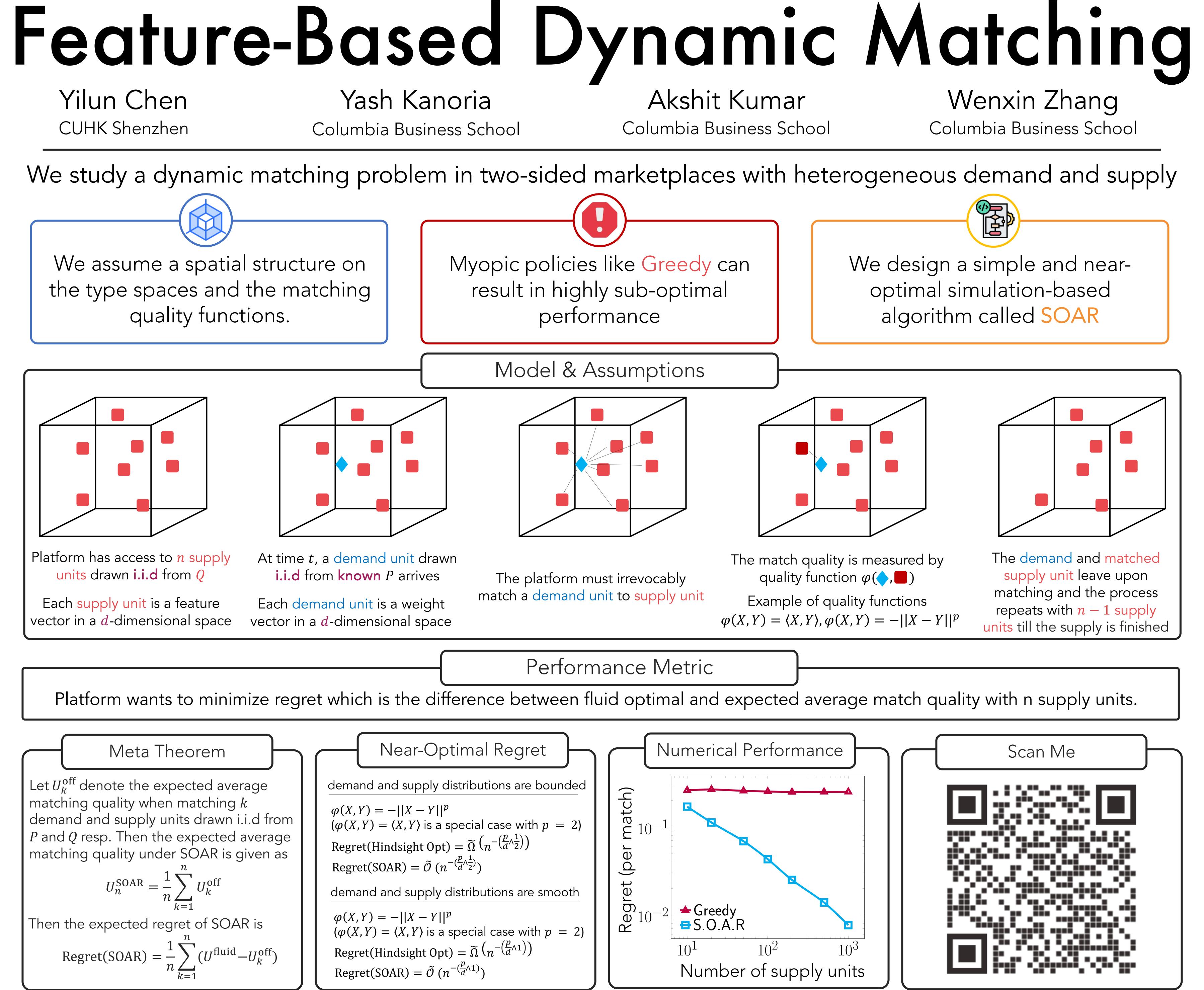
quality functions.

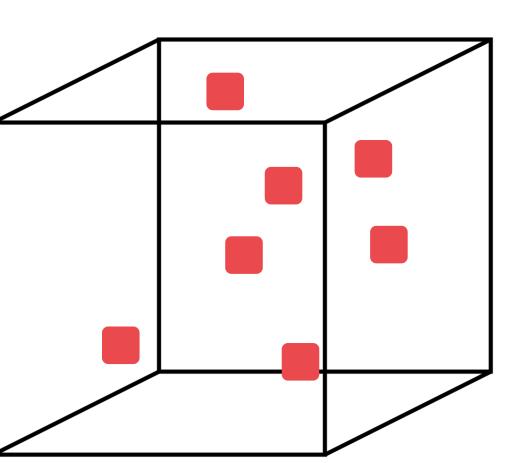


units drawn **i.i.d** from Q

Each supply unit is a feature









Research Question

How should a centralized platform dynamically match customers with heterogeneous demand and supply?

Answer: SOAR

♦ demand unit

given k supply units, a demand unit arrives

Simu ate

a future demand scenario

Optimize

for the simulated scenario

Assign based on optimal matching

Repeat with remaining supply units

