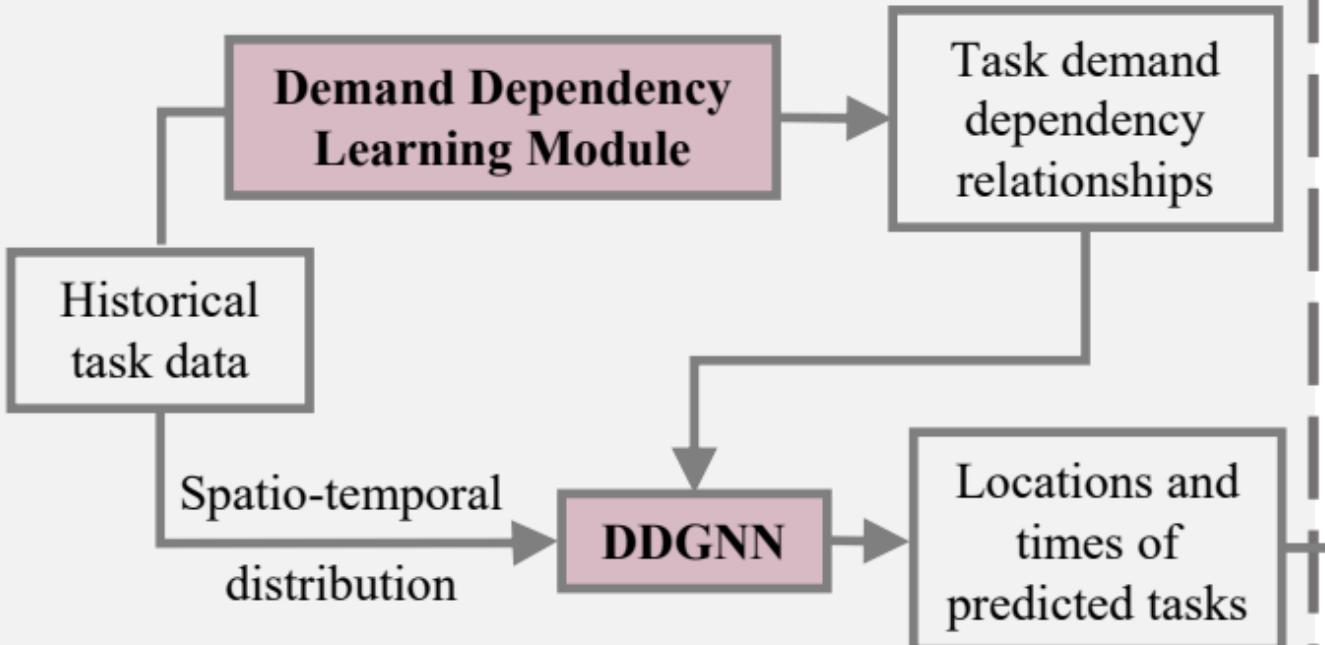


Task Demand Prediction



Task Assignment

Worker Dependency Separation

Current workers and tasks

Maximal Valid Task Sequence Generation

Worker Dependency Graph Construction

Graph Partition

Tree Construction

Task Value Function Learning

DFSearch

Action

Value

Task Value Function

Adaptive Algorithm

Optimal task assignment