Transaction-user
Bidirectional edge

Transaction-merchant
Bidirectional edge

User-merchant
Bidirectional edge

Customer Nodes

(Unique customers * customer features)

Transaction Nodes

(Unique transactions * transaction features)

Includes labels

Merchant Nodes

(Unique merchants * merchant features)

C1

C2

C3

T1

T2

T3

T4

M1

M2

Target node