
AWS
re:Invent
NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

PRT097

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Make your ML outcomes roar with graph neural networks on TigerGraph and AWS

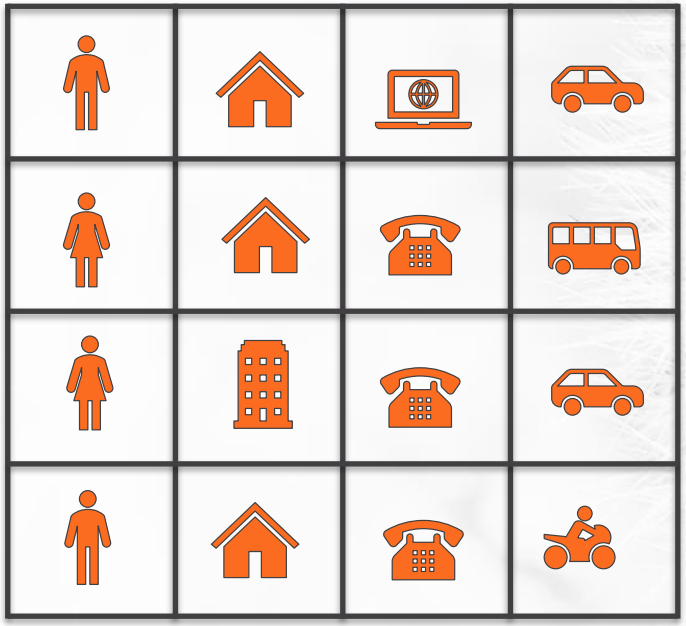
Sophie Zugnoni

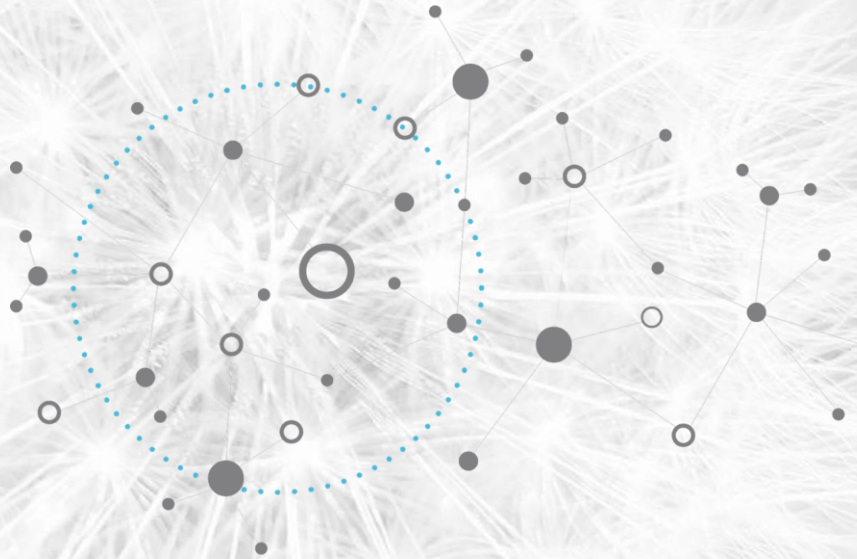
Director of Sales, Cloud
TigerGraph

aws

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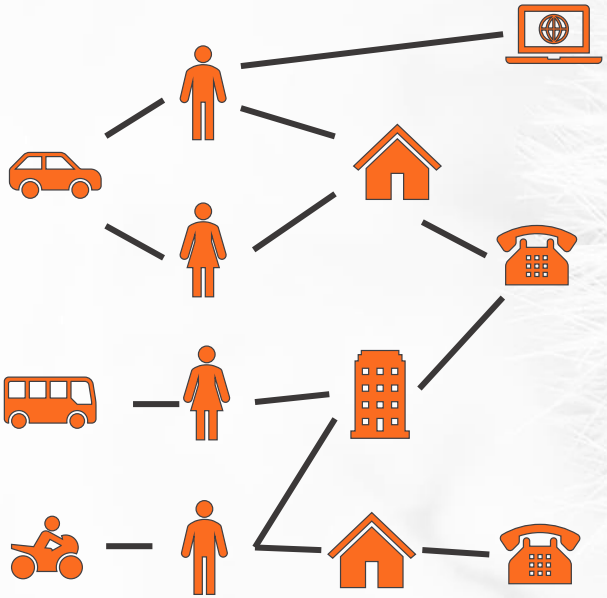
Squares

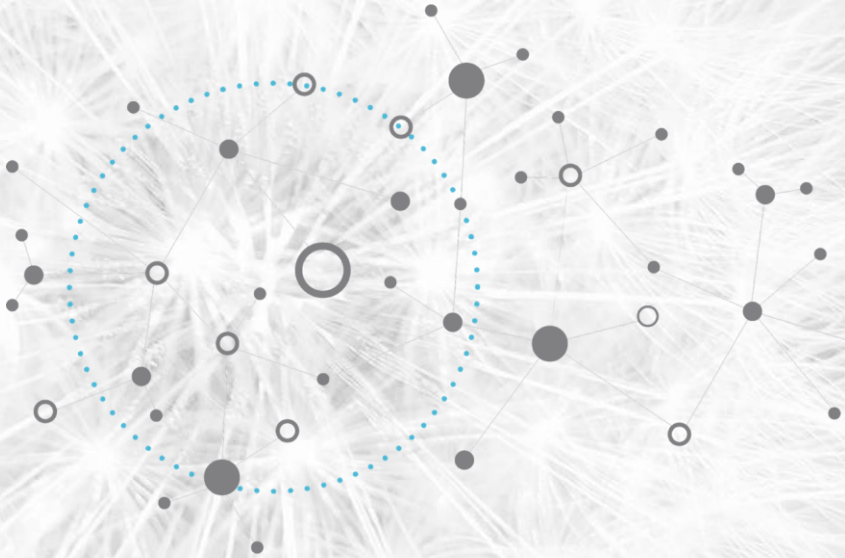




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Real life

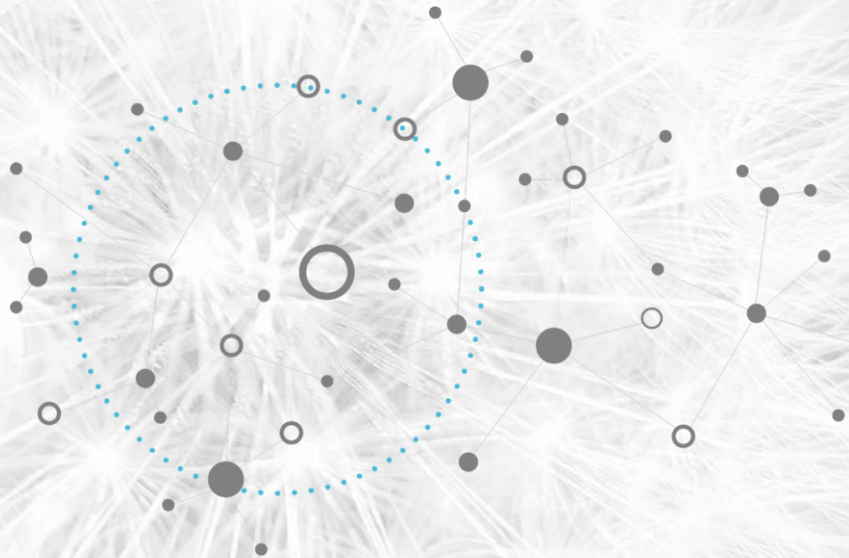




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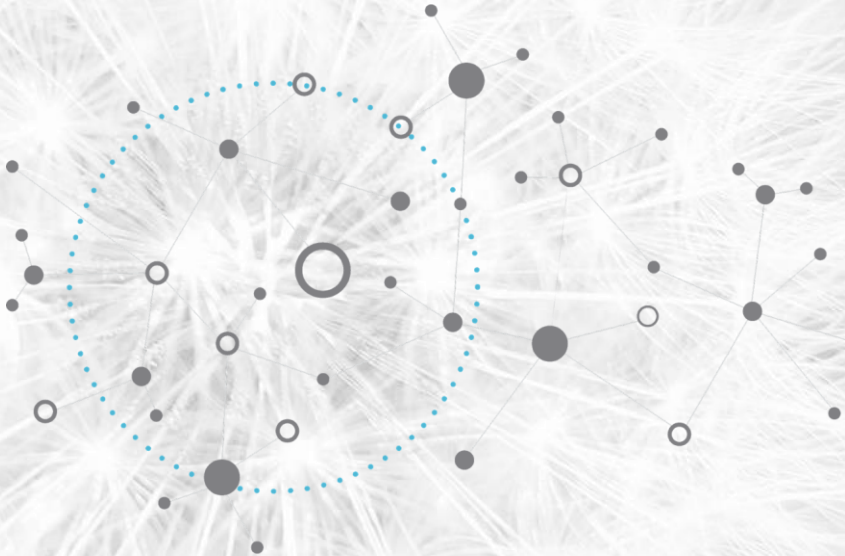
Throwing half away





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Graph databases



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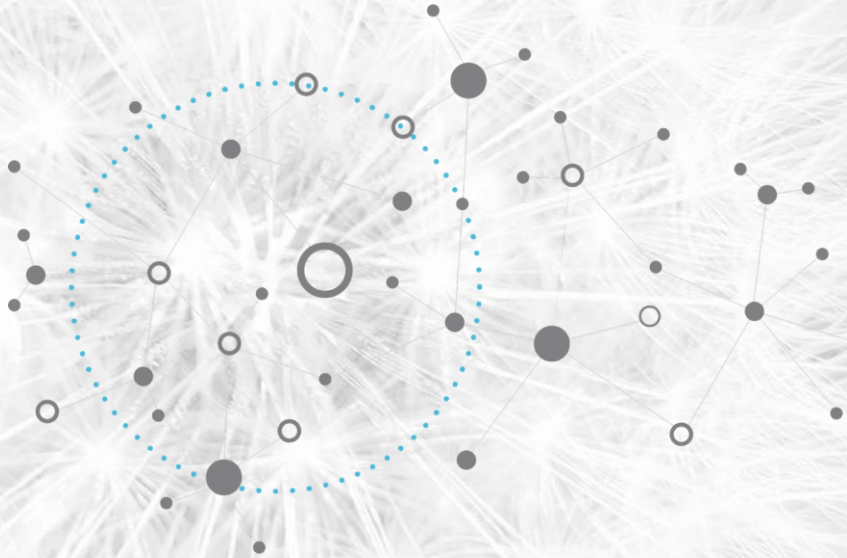
Graph features boost machine learning

20%

increase in AUCPR

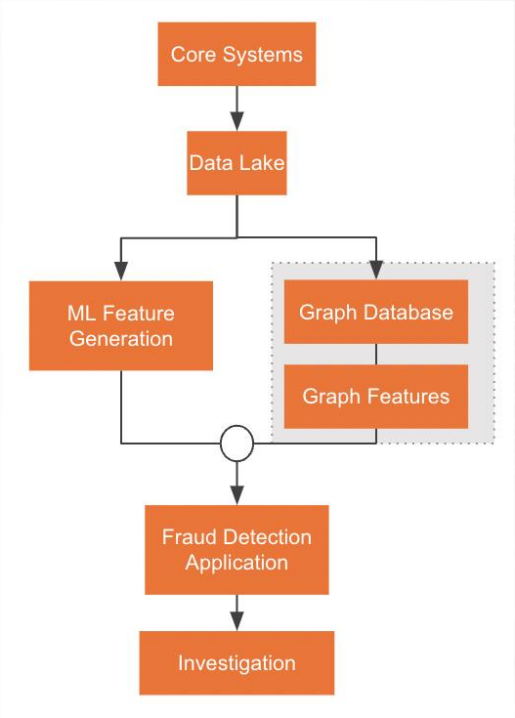
$100M

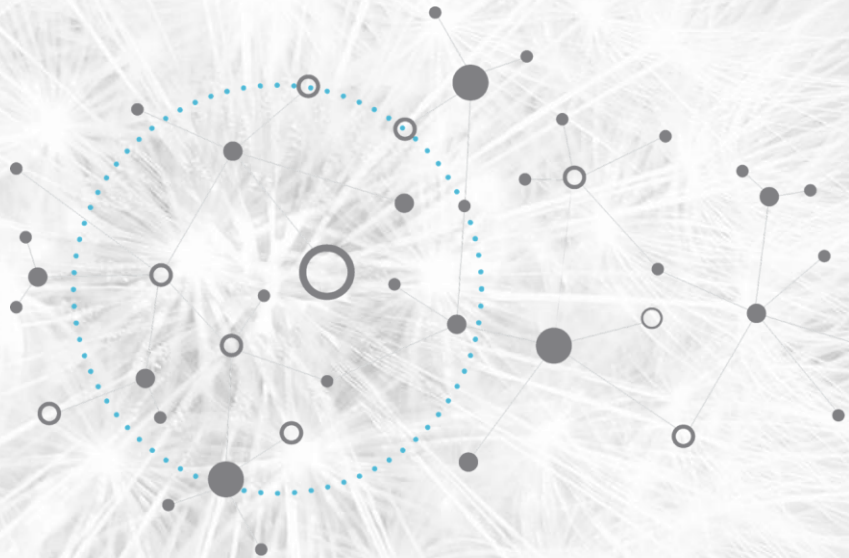
profit pa



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Graph features boost machine learning





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TigerGraph ML use cases

Financial services

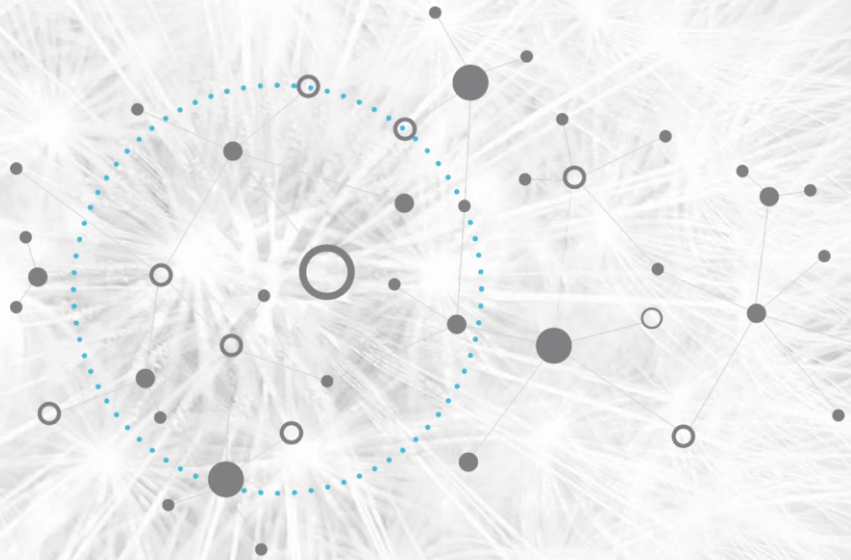
Fraud detection
AML & mule detection
Regulatory compliance reporting

Retail & CPG

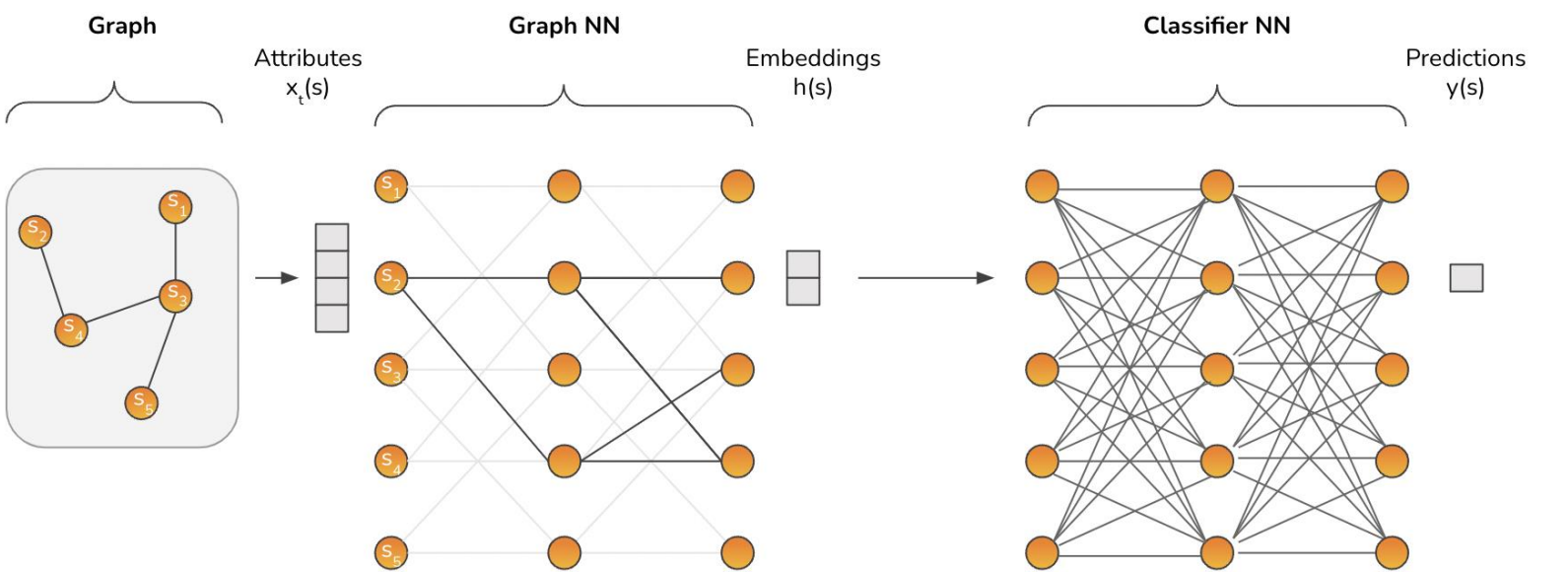
Digital supply networks
Assortment optimization
Inventory optimization
Recommendation
Customer journey analysis

Manufacturing

Integrated business planning
Multi-modal freight optimization
Root-cause analysis
Demand forecasting
Entity resolution
Process mining



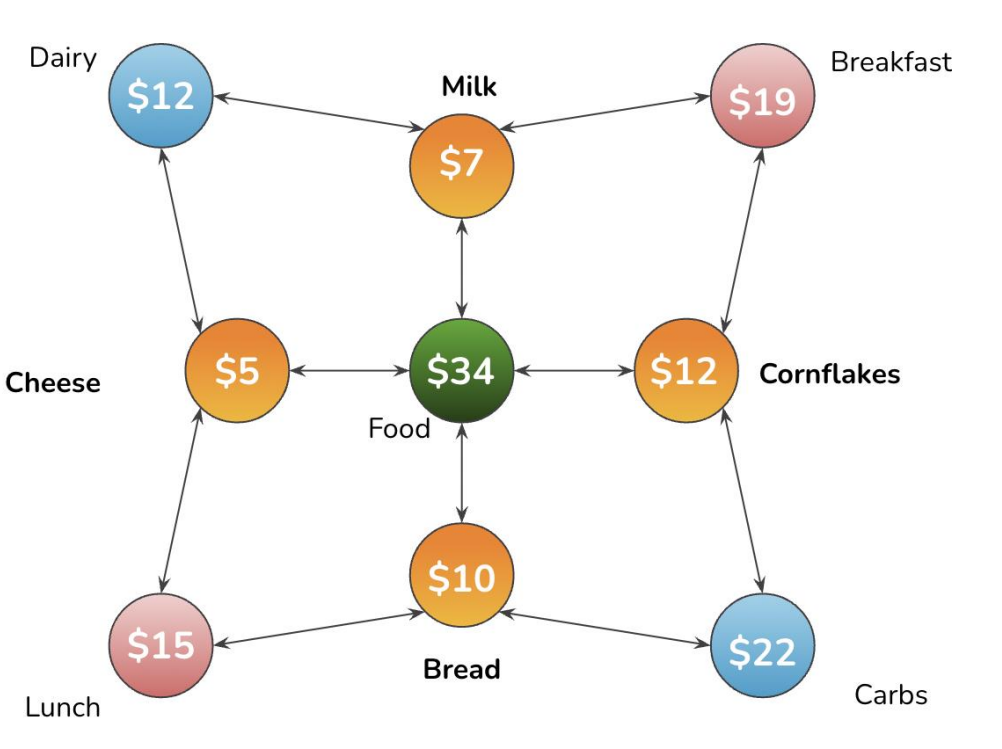
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Graph neural networks

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Integrated business planning with GNN





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TigerGraph ML Workbench

MLWorkbench

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