INNOVATE

AI/ML EDITION

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Rethink Machine Learning for Supply Chain

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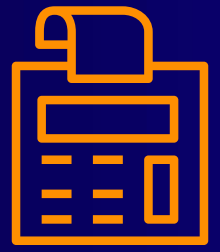
Machine Learning drives business outcomes

Visibility & Control

Predictions & risk management



Automation

New consumer experiences

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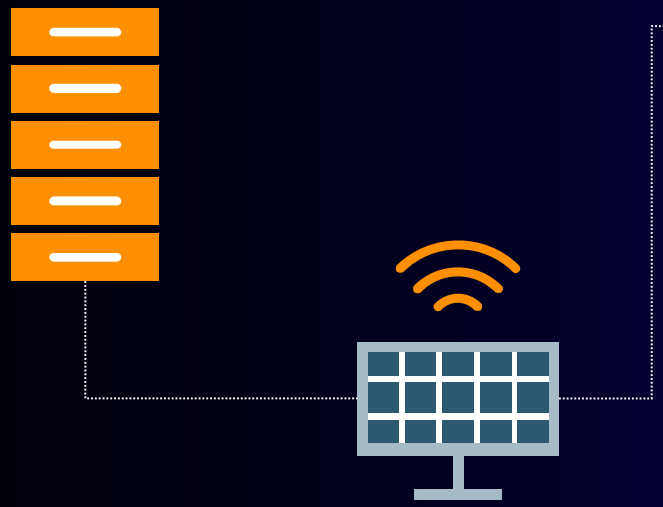
Traditional supply chain flow



"Just-in-time" ordering

Vendors react to orders

Carriers react to shipments

Warehouses react

REACTING creates delays

… and excess time and costs

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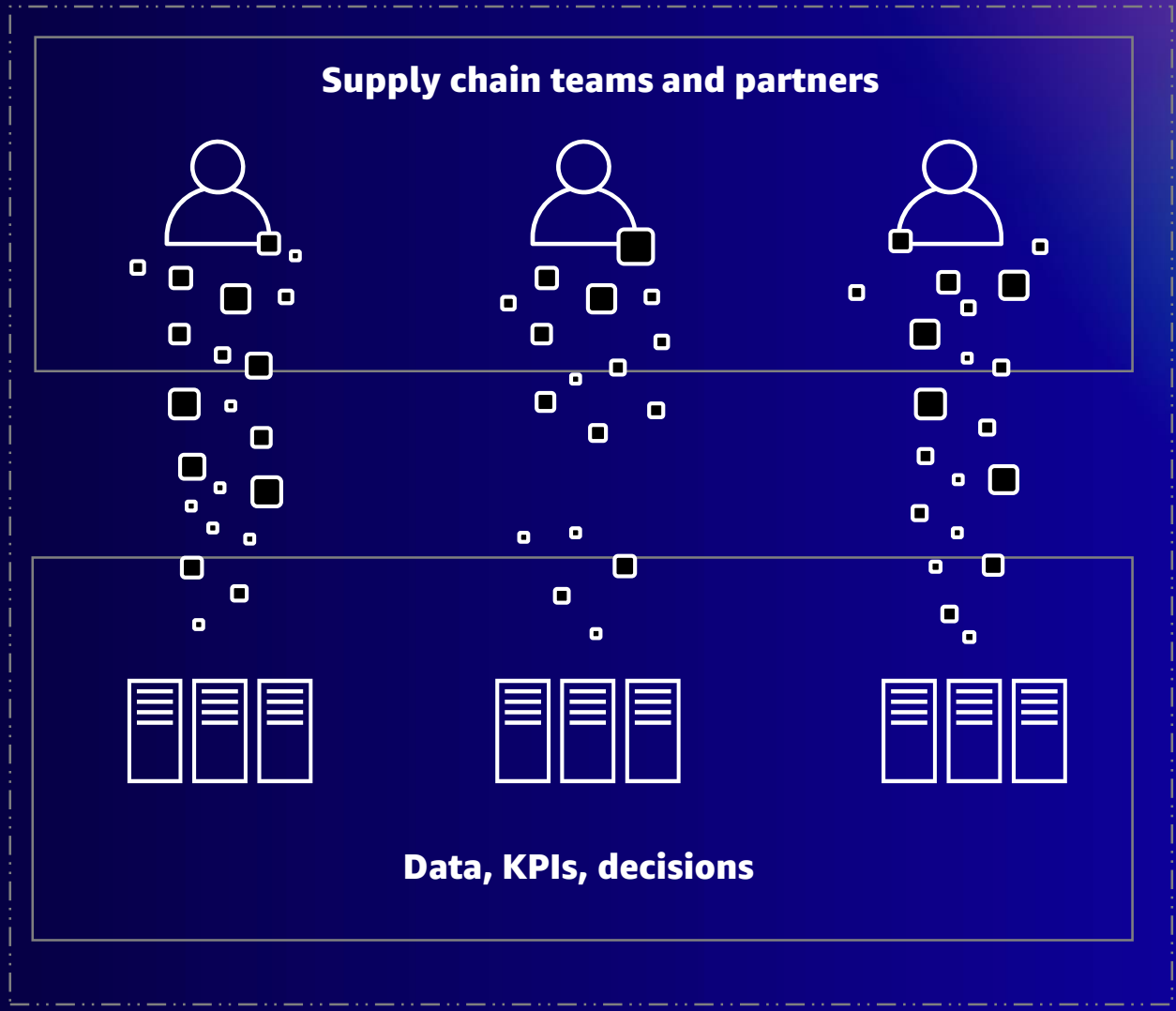
Supply chains are organizations, not machines

Supply chain collaboration

Silos create friction for end-to-end collaboration



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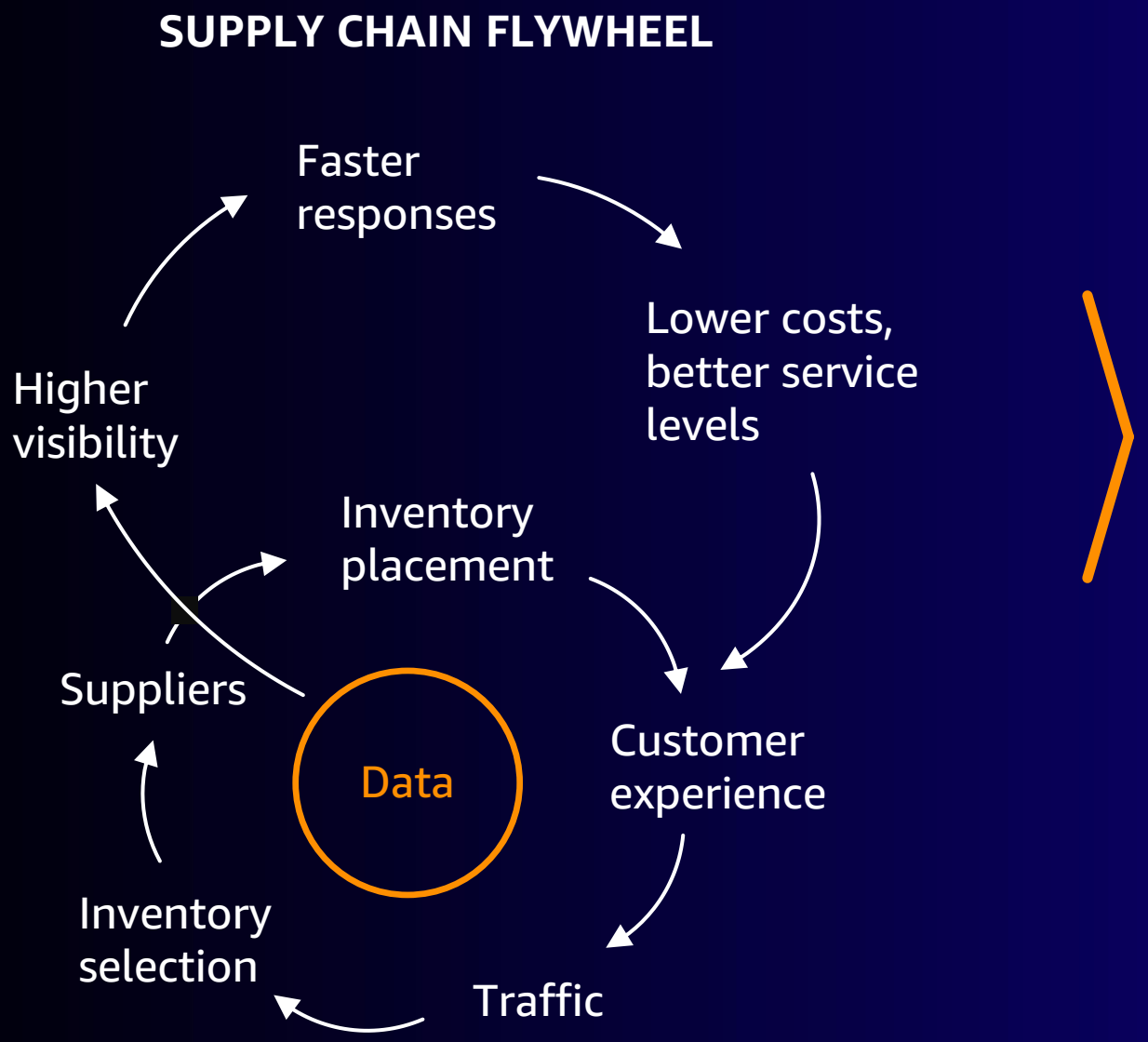
Re-thinking – Data-driven approach



Simulate millions of scenarios

Automate

Respond to changes in milliseconds

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Re-thinking – Driving change

Data-driven everything

Focus on solving one challenge

Scale and transform

Foundations

- Data
- Technological maturity
- Organizational support

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Rethinking machine learning – case study

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The difference to traditional approaches

- Observation
- Prediction
- Optimization

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Case study – delivering 1000 packages

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The vehicle routing problem

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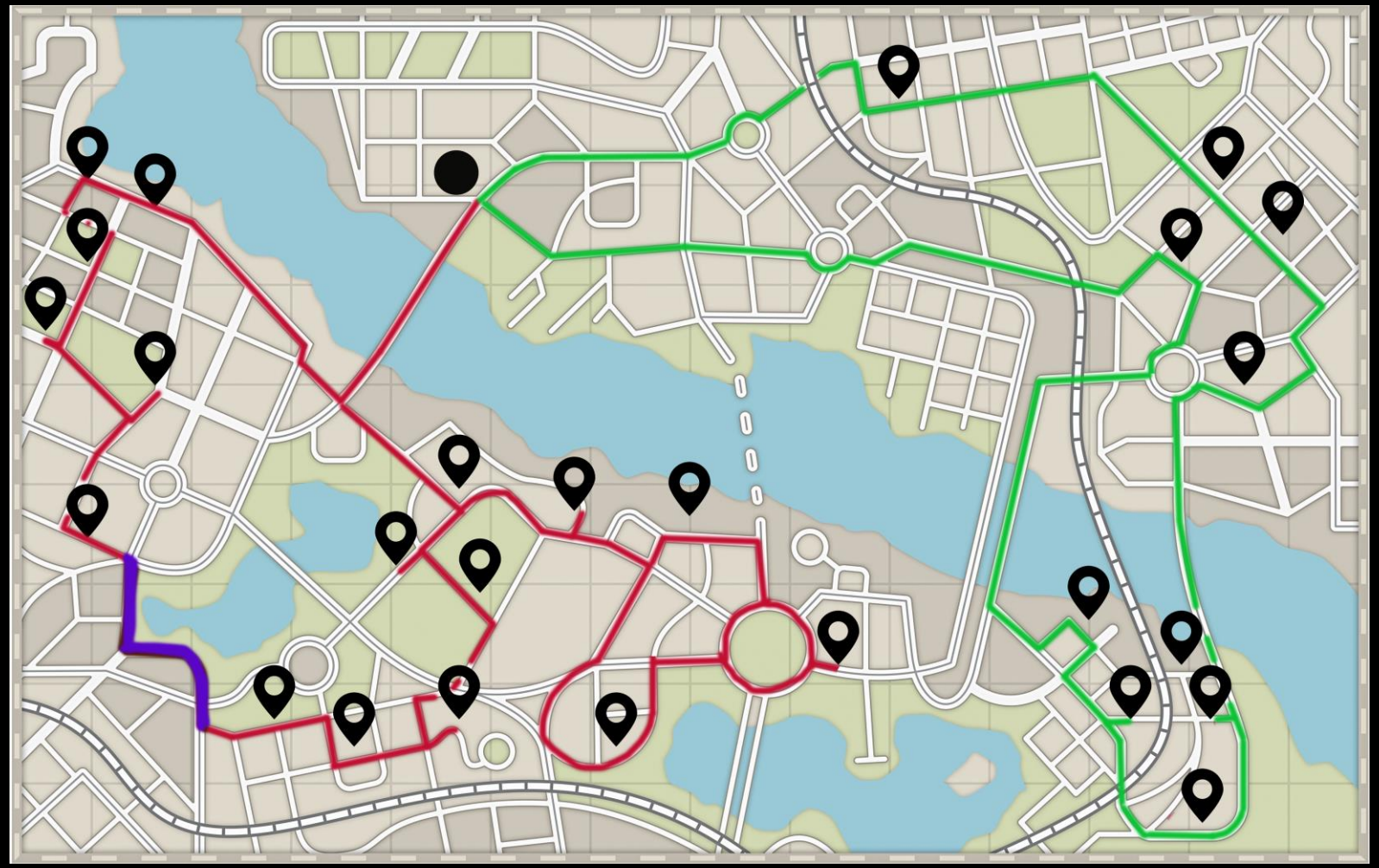
Adapting to disruptions during the day



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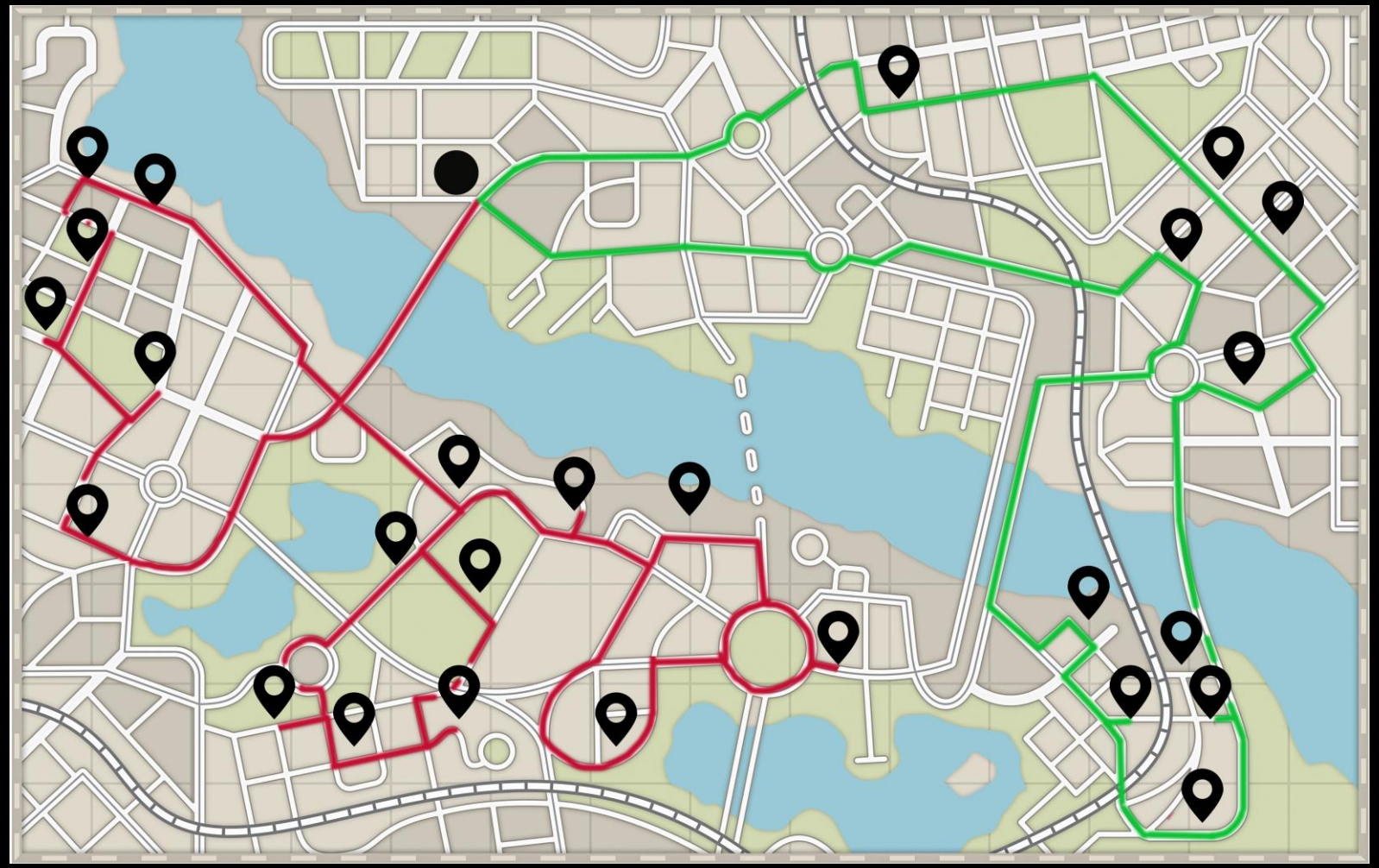
Dynamic sequencing



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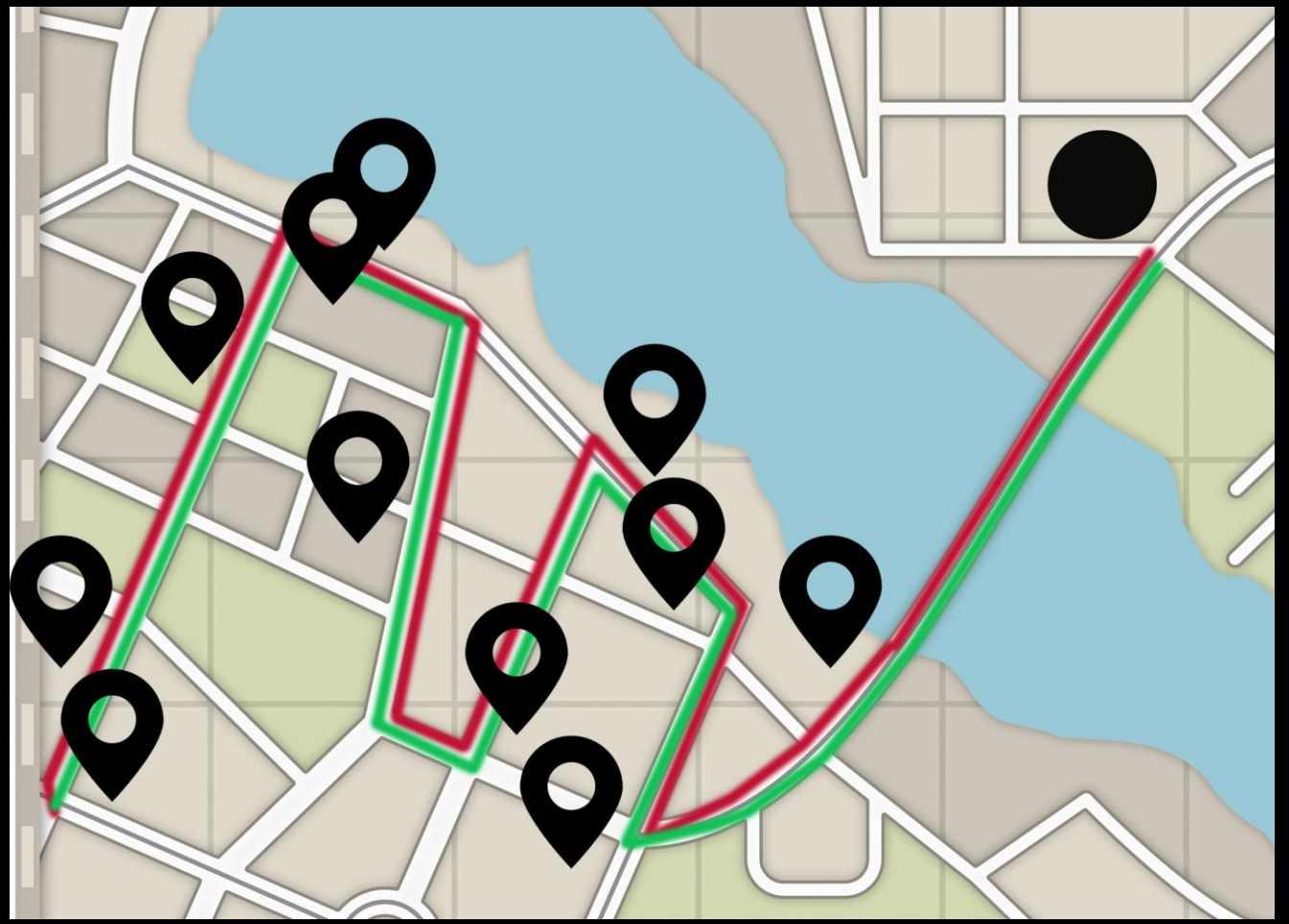
Learning from experience



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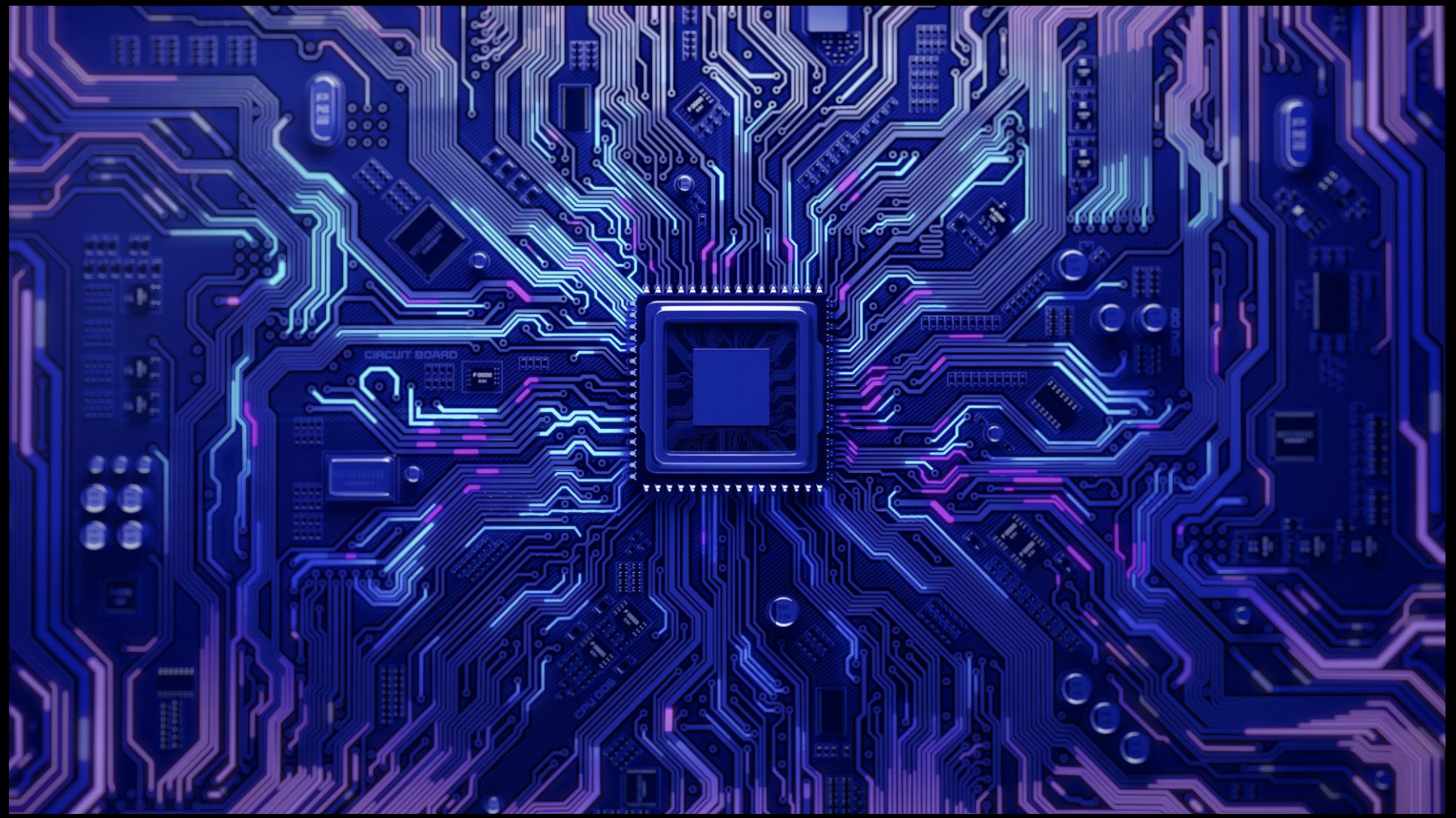
ML is faster and more adaptive



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Step 2 – optimise

Step 3 - scale

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Dive deeper into these resources, get inspired and learn how you can use AI and machine learning to accelerate your business outcomes.

- The machine learning journey e-book
- 7 leading machine learning use cases e-book
- A strategic playbook for data, analytics, and machine learning e-book
  Accelerate machine learning innovation with the right cloud services & infrastructure e-book
- Choosing the right compute infrastructure for machine learning e-book
- Improving service and reducing costs in contact centers e-book
- Why ML is essential in your fight against online fraud e-book
- … and more!

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Thank you!

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