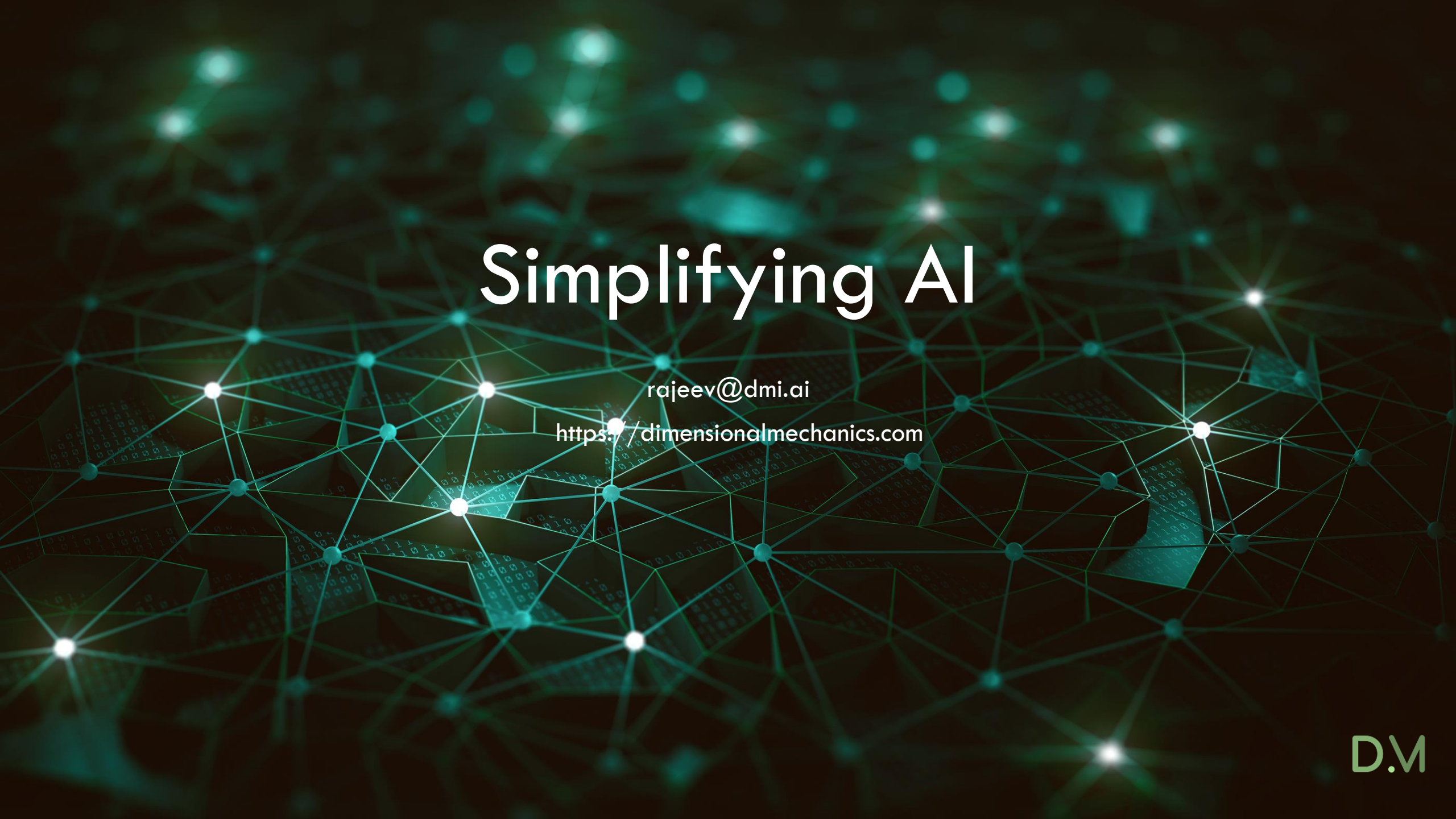

Simplifying AI

rajeev@dmi.ai

https://dimensionalmechanics.com

D.M

Artificial Intelligence:

The science and engineering of making computer systems able to perform activities normally associated with humans such as speech and pattern recognition, image and video classification, translation and decision-making

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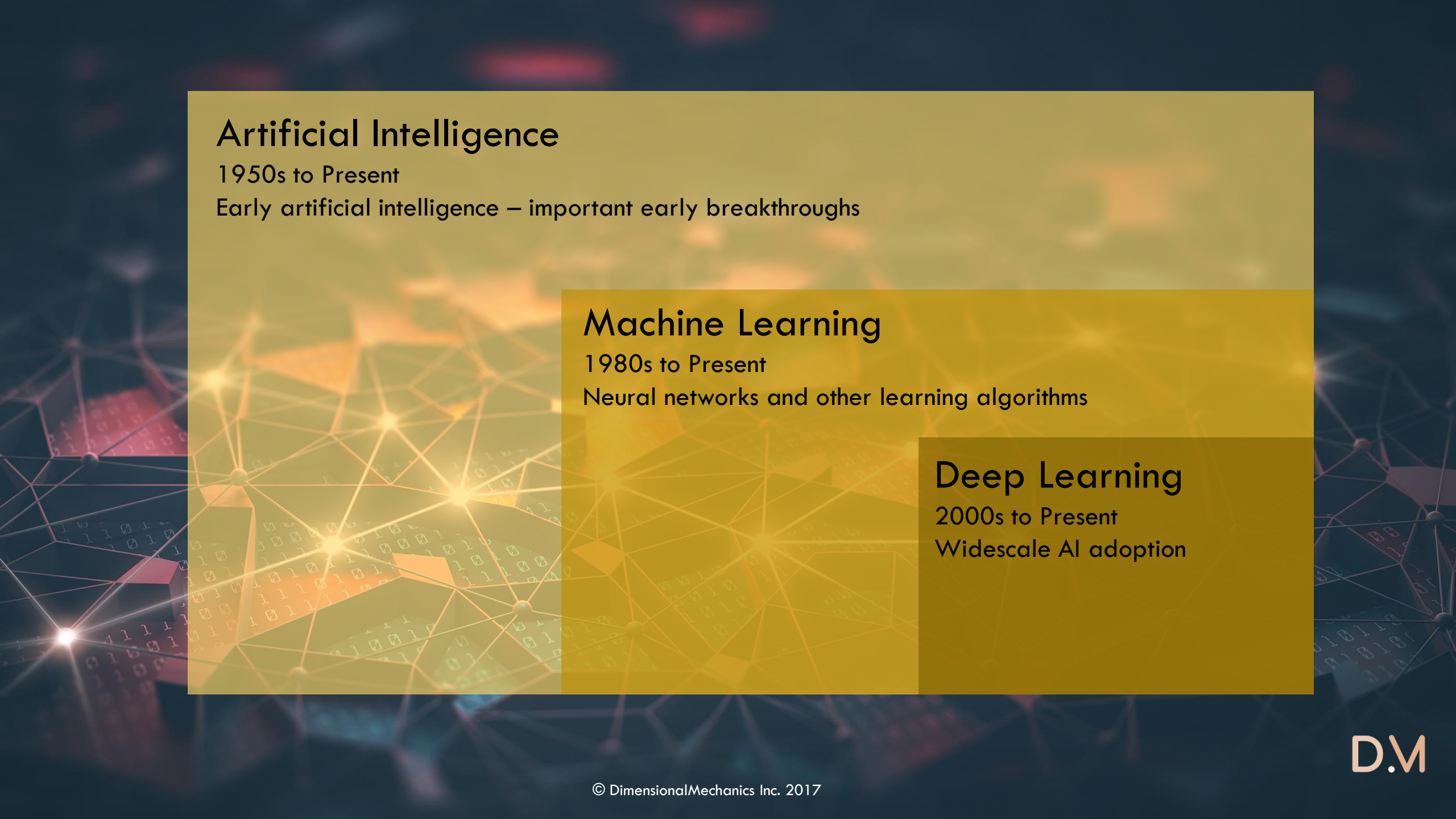

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By 2025, AI is expected to create up to $11.2 trillion in wealth and cost savings for businesses*

Automation of knowledge work: $5.2 – 6.7 Trillion

Advanced robotics: $1.7 – 4.5 Trillion

*McKinsey & Company, 2013

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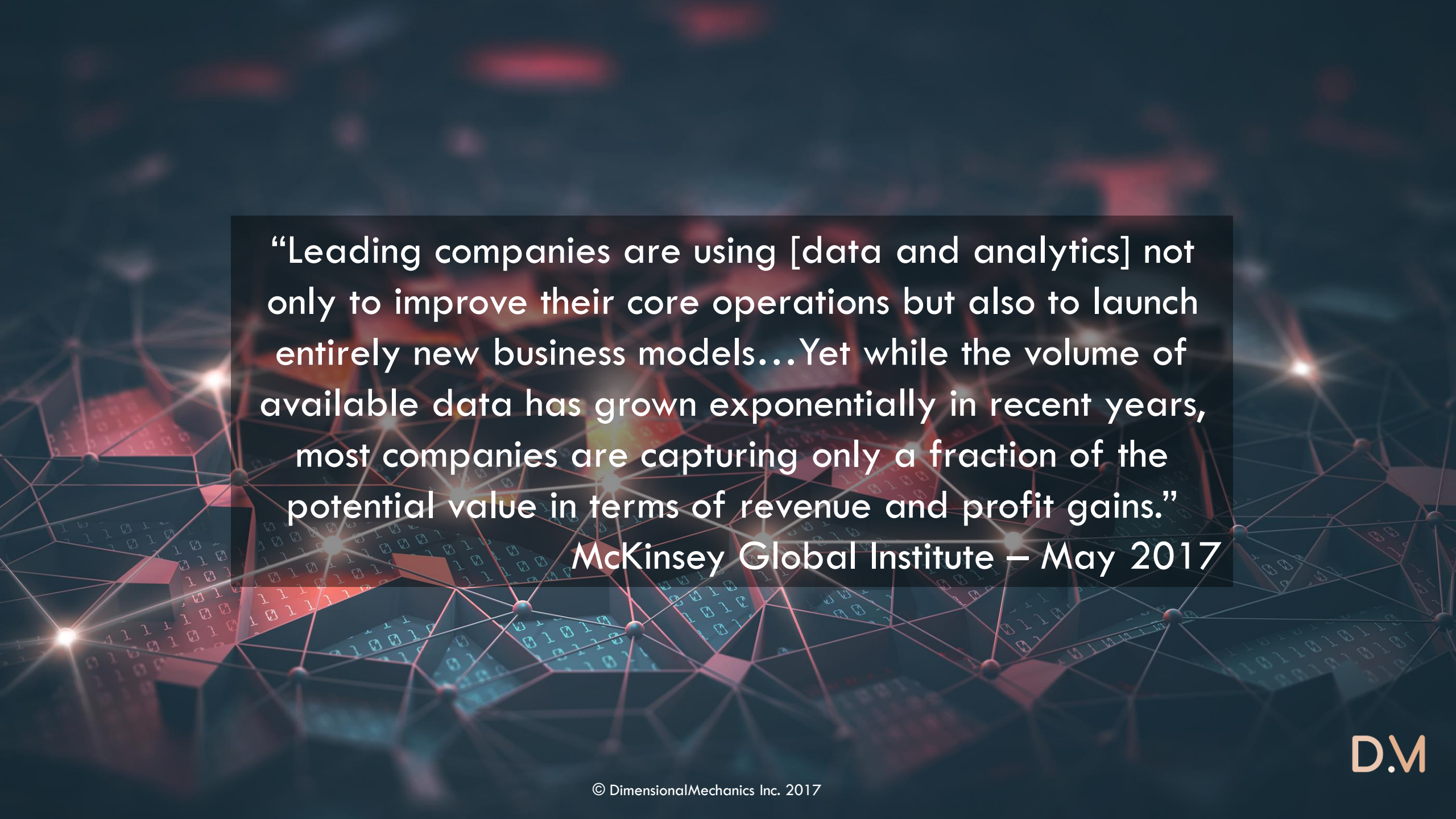

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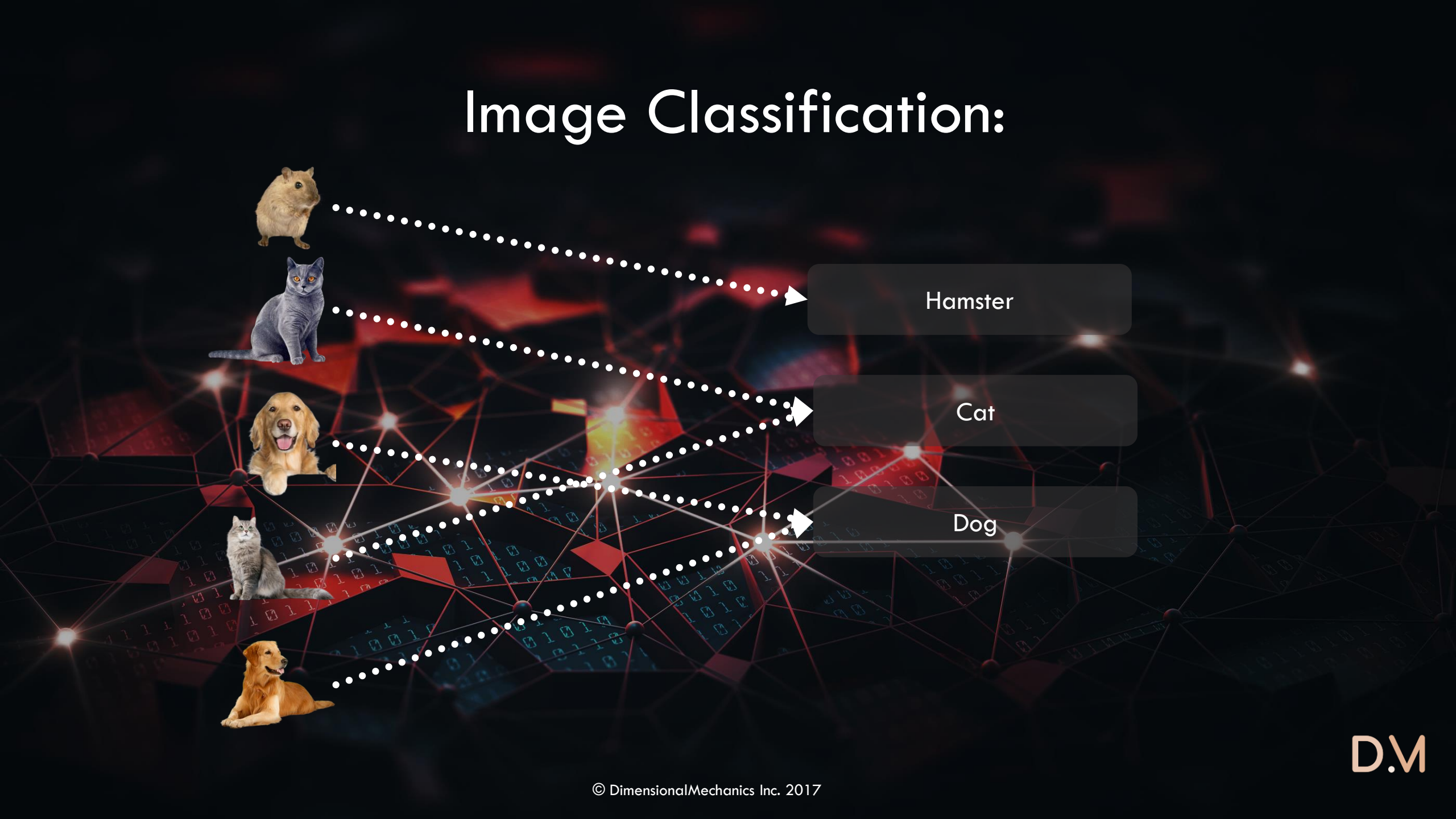
Image Classification:



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Automated Tagging:

- Woman
- Walking
- Dog
- Trees
- Sidewalk

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Audio Recognition:

Song: Stutter
Band: Elastica

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Deep learning is *just* algebra:

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AI is Expensive & Hard:

People

+

Compute

+

Data

+

Time

Example:
$69M spent by a hospital in Texas on an AI platform

Doing it yourself:
Est. $880,000/yr for a small team on a small project

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NeoPulse™

NeoPulse™ AI Studio

AI to build AI

Portable Inference Models

NeoPulse™ Query Runtime

NeoPulse™ Modeling Language (NML)

NML

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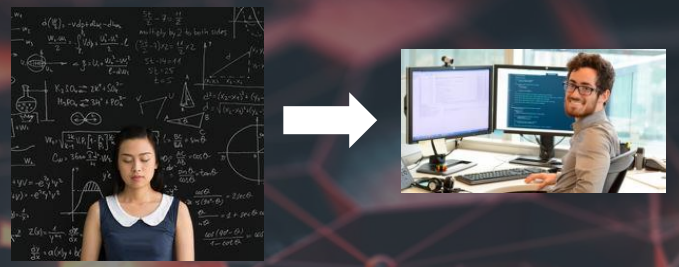
NeoPulse™

85%+ less code to write



No specialist skill needed

Write once deploy everywhere
Enterprise ready

Highly accurate models
Many types of problems

Fraction of the price

Faster to market

D.M

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