

The AI Revolution: DeepSeek's Cost-Cutting Breakthrough

AI training costs have skyrocketed. Companies spend over \$100 million on massive data centers. But DeepSeek's innovative approach is changing the game.

The High Costs of AI Training

\$100M+

Training Cost

Companies like OpenAI and Anthropic spend over \$100 million on model training.

1000s

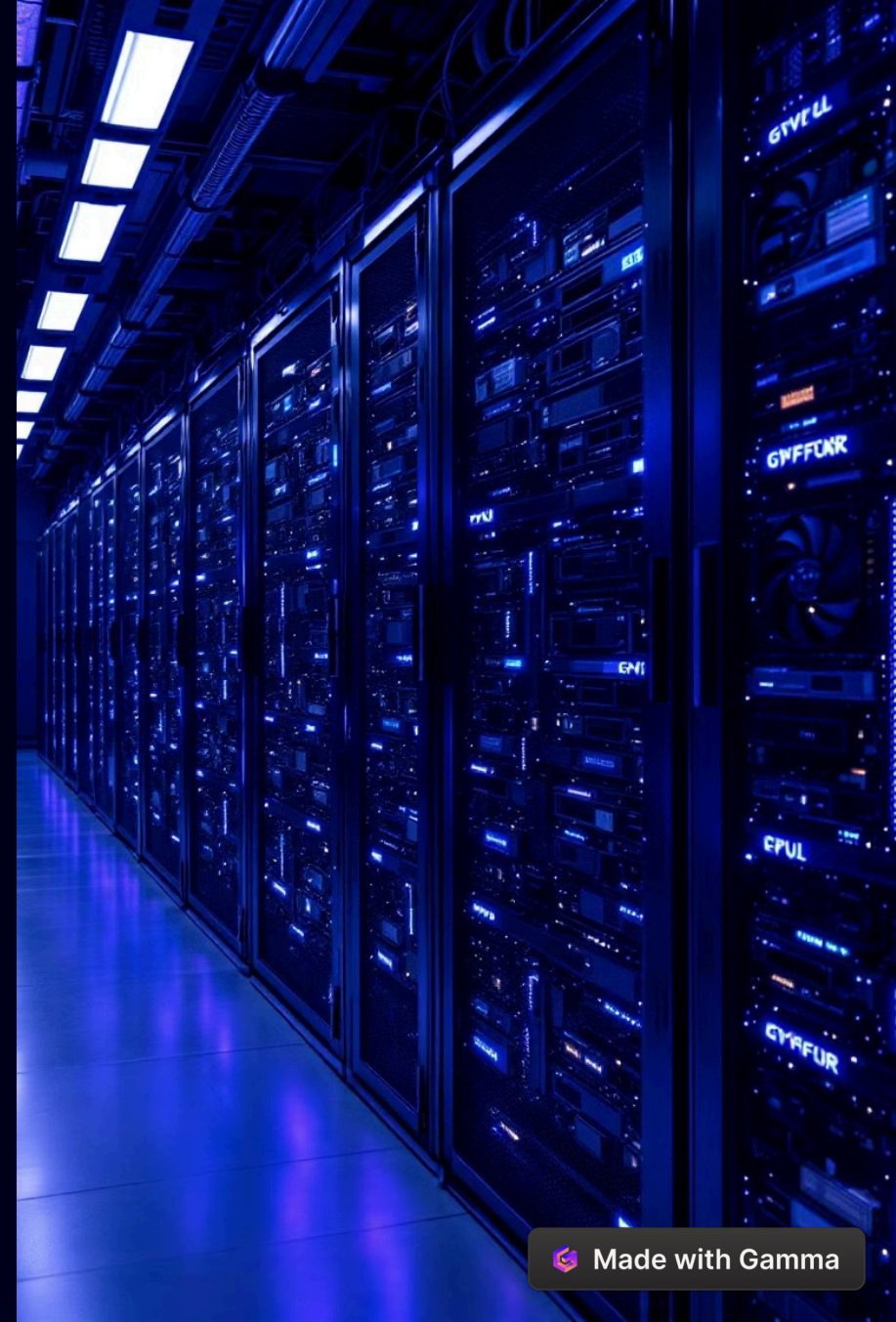
GPUs Required

Massive data centers with thousands of GPUs are needed.

\$40K

GPU Cost

Each GPU costs around \$40,000.



DeepSeek's Innovative Solution

1

Reduced Precision

Cutting memory usage by 75% by reducing stored numerical precision.

2

Phrase Processing

Processing entire phrases, making it twice as fast with 90% accuracy.

3

Specialist System

Activating only 37 billion out of 671 billion parameters per computation.



Astonishing Results

Training Cost

Reduced from \$100M to \$5M

Required GPUs

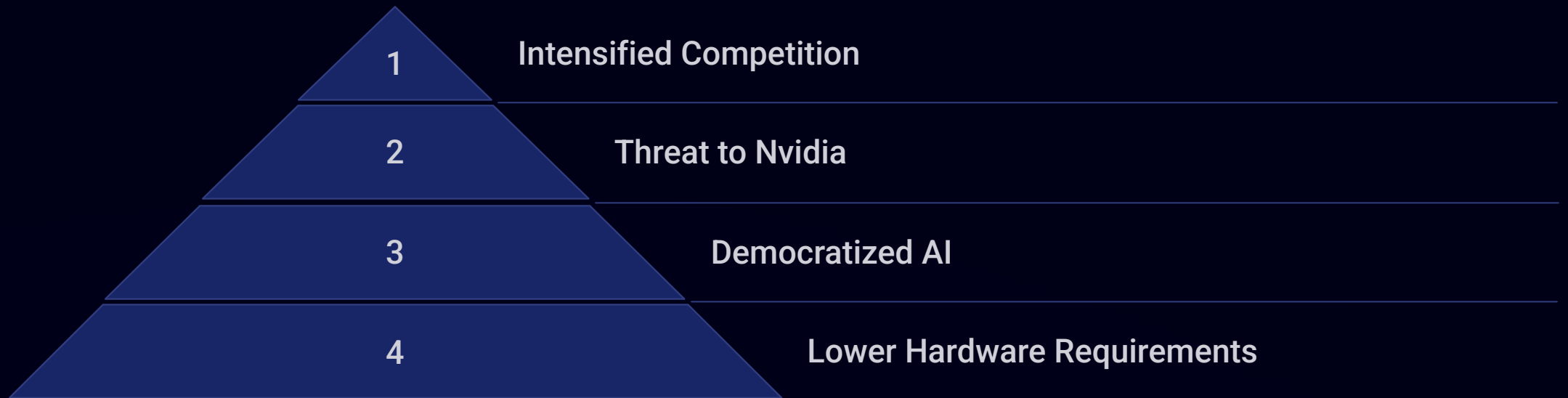
Reduced from 100,000 to 2,000

API Costs

Reduced by 95%

DeepSeek's solution can now run on gaming GPUs instead of expensive data center hardware.

Impacts on the Market



AI is no longer exclusive to large tech companies with billion-dollar data centers.

A Revolution in the AI Industry



Small Team, Big Impact

DeepSeek achieved this with fewer than 200 people.



Industry Shift

Similar to the rise of cloud computing.



Paradigm Change

Like mainframes replaced by personal computers.





The Future of AI

1

Increased Accessibility

AI will become more accessible and affordable.

2

Industry Adaptation

Companies like OpenAI and Anthropic must adapt.

3

Historic Turning Point

We are witnessing a pivotal moment in AI advancement.