neuroplasticity

Nurdan Colleran

neuroplasticity
when neurons fire together, they wire together

ways of learning

The brain likes patterns and connections

NEURO + EDUCATION

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ways of learning

The brain likes patterns and connections

By association

Brain tries to use what is already in the brain to learn new information

Linking information to what we already know is called semantic linking

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ways of learning

The brain likes patterns and connections

By association

Brain tries to use what is already in the brain to learn new information

Linking information to what we already know is called semantic linking

By repetition

Repeating an action, behavior, thought, etc. it becomes more familiar and it becomes wired into automatic programming

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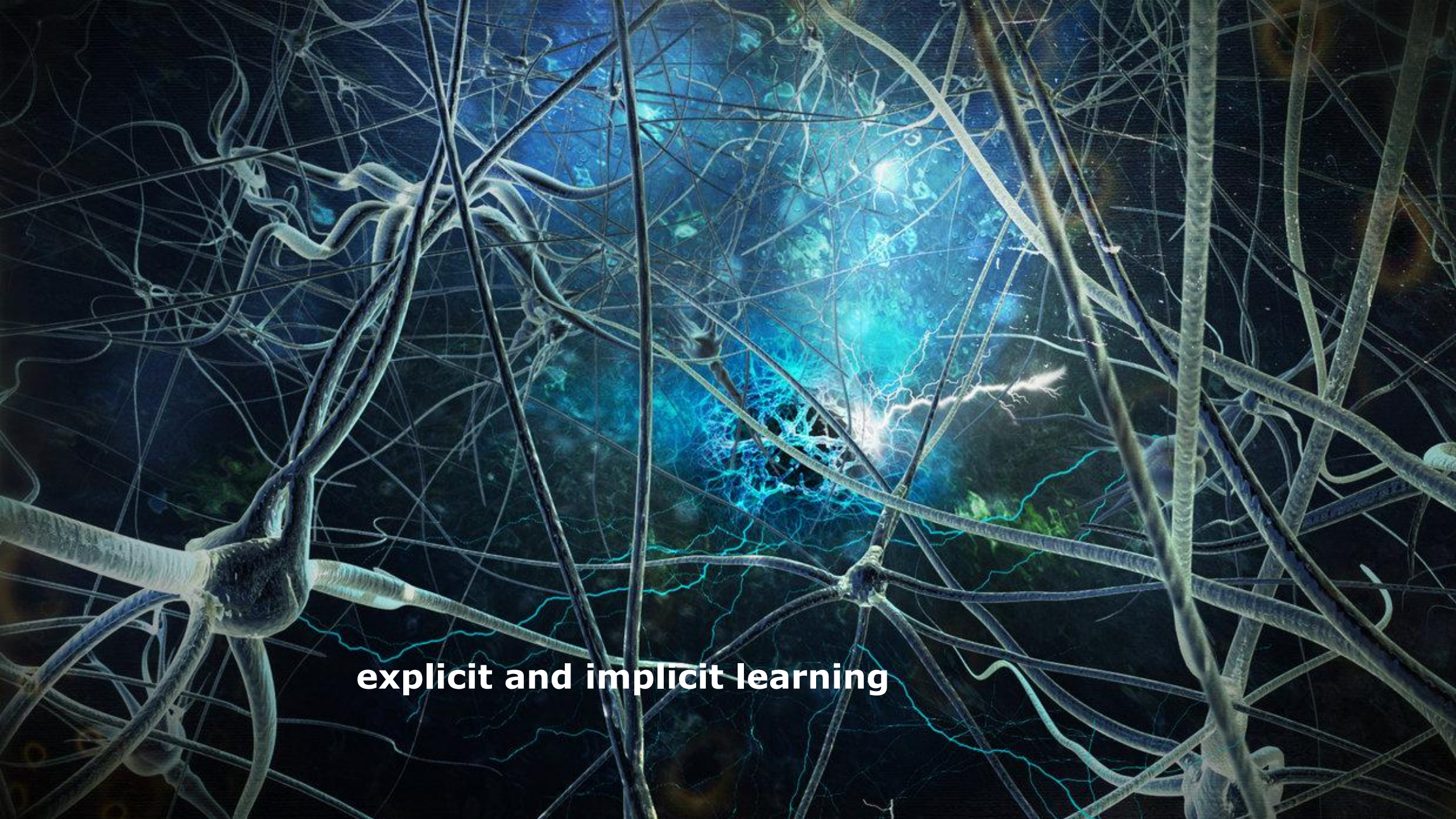
explicit and implicit learning

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Implicit learning - passive, incidental and automatic acquisition. No conscious effort to absorb the learning is required.

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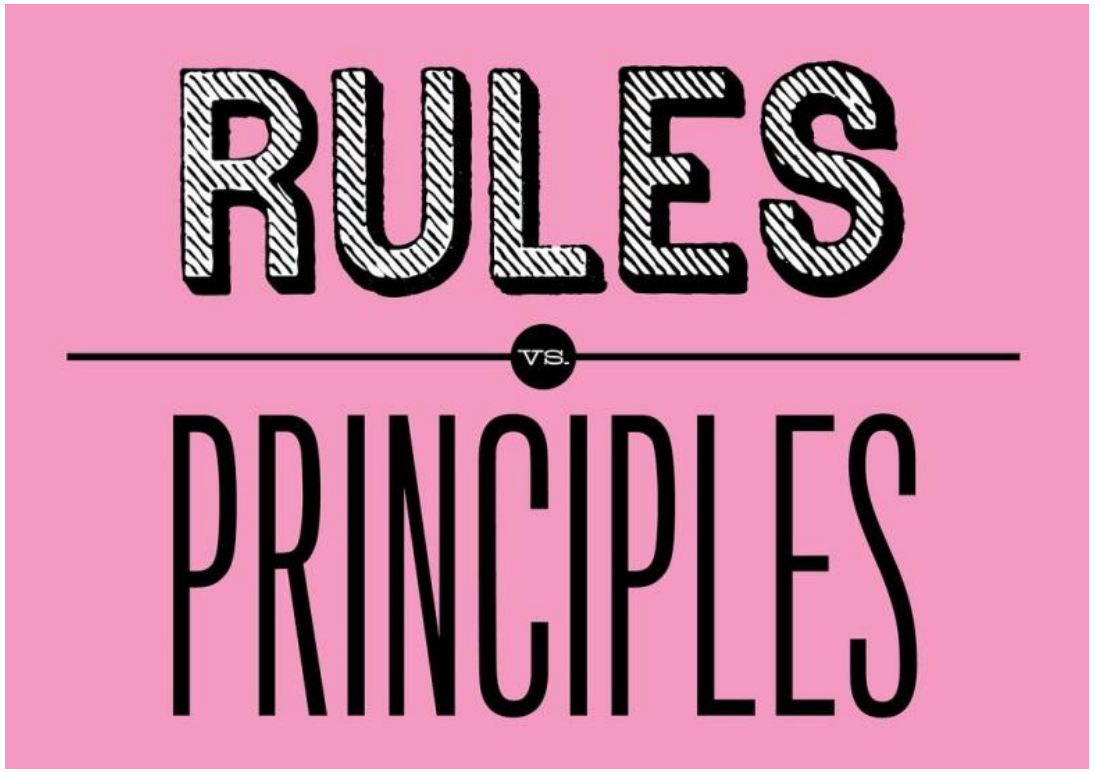
Implicit learning - passive, incidental and automatic acquisition. No conscious effort to absorb the learning is required.

Explicit learning - conscious observation, understanding and memorization of content

explicit language learning

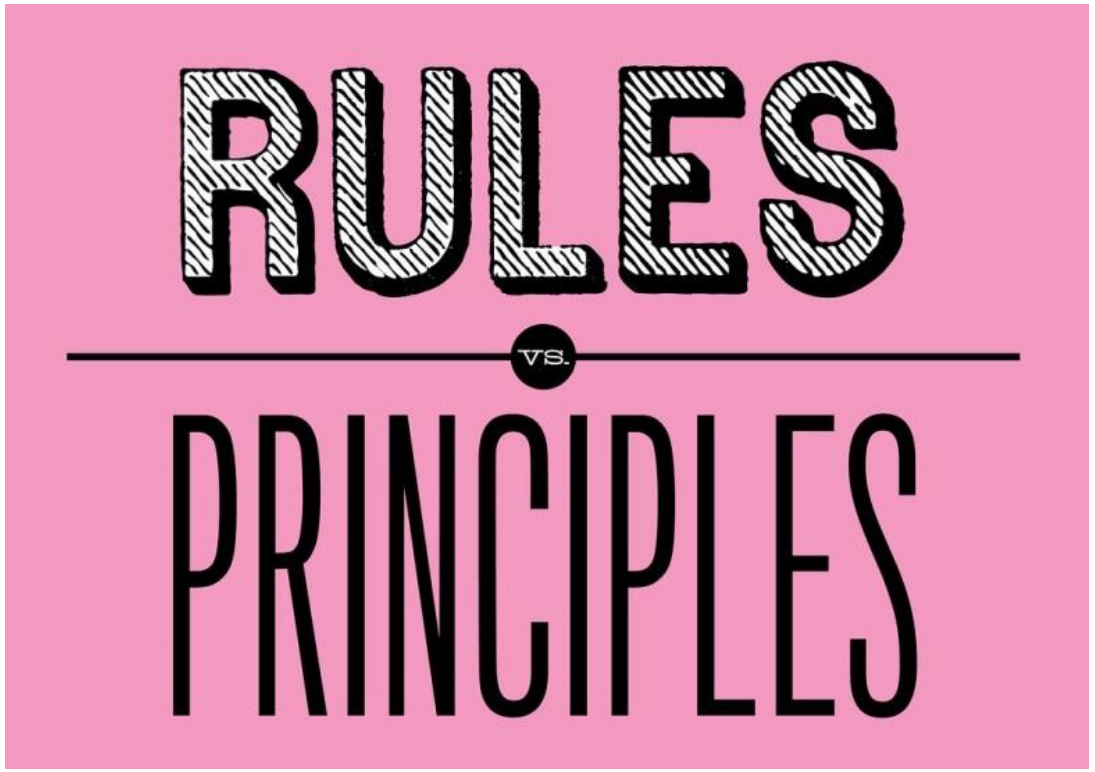
Learning theory



explicit language learning

Learning theory

Grammar rules

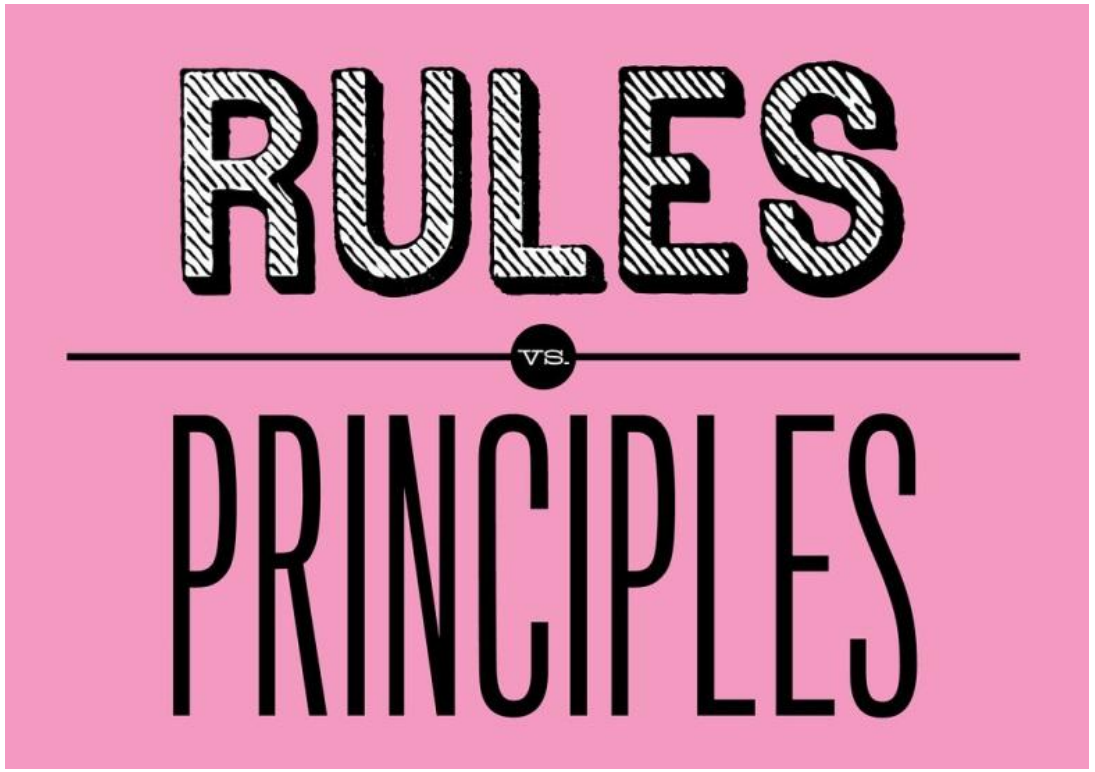


explicit language learning

Learning theory

Grammar rules

Studying, analysing, rationalising



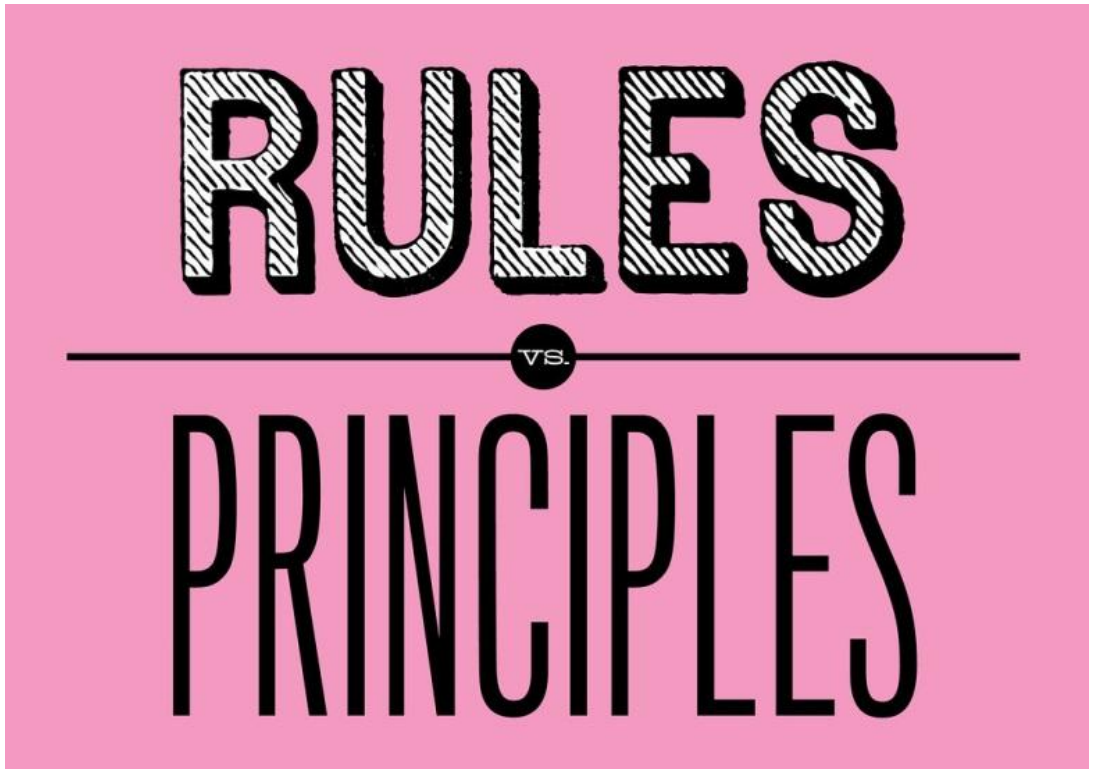
explicit language learning

Learning theory

Grammar rules

Studying, analysing, rationalising

Engaging frontal lobe and executive brain



implicit language learning

Getting into the flow – speaking without thinking

implicit language learning

Getting into the flow – speaking without thinking

Find how to get them "in the flow"

- **Their topics?**
- **Their activities?**
- **Interesting triggers?**
- **Ask the right questions!**

implicit language learning

Getting into the flow – speaking without thinking

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Providing a safe “dopamine flow” environment – no triggers! – the perfect learning state?

implicit language learning

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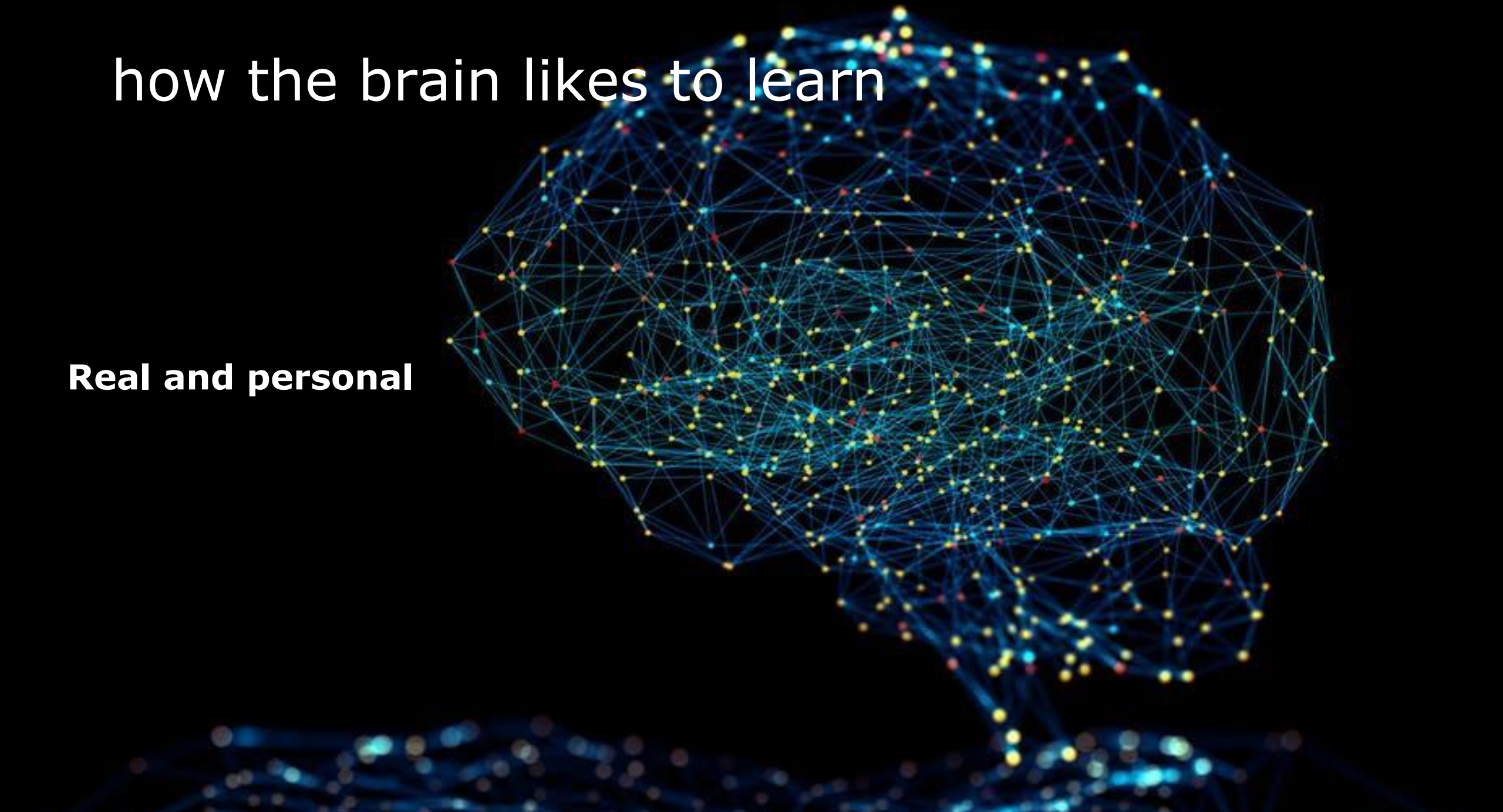
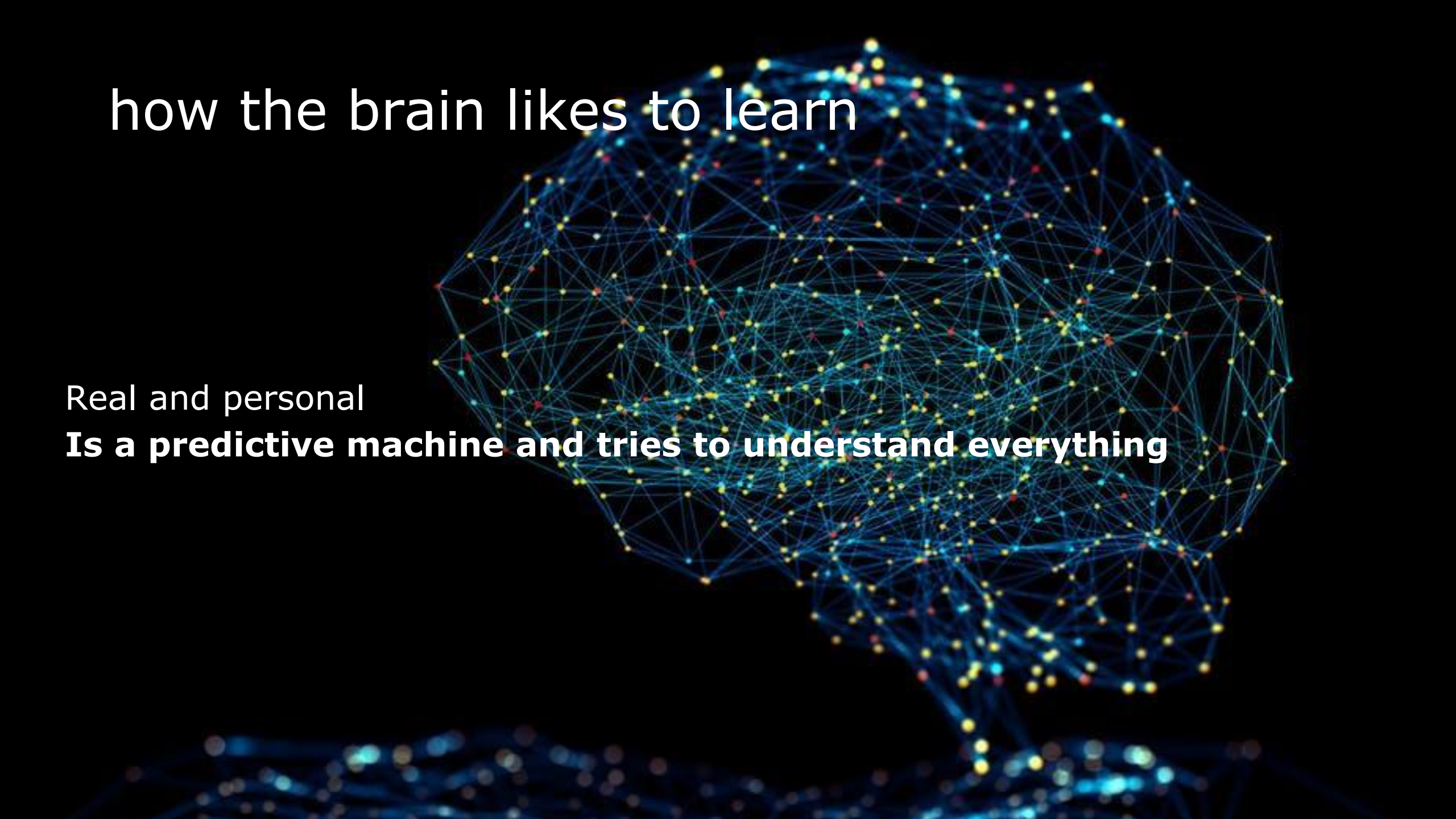
Replicate immersive learning

how the brain likes to learn



Real and personal

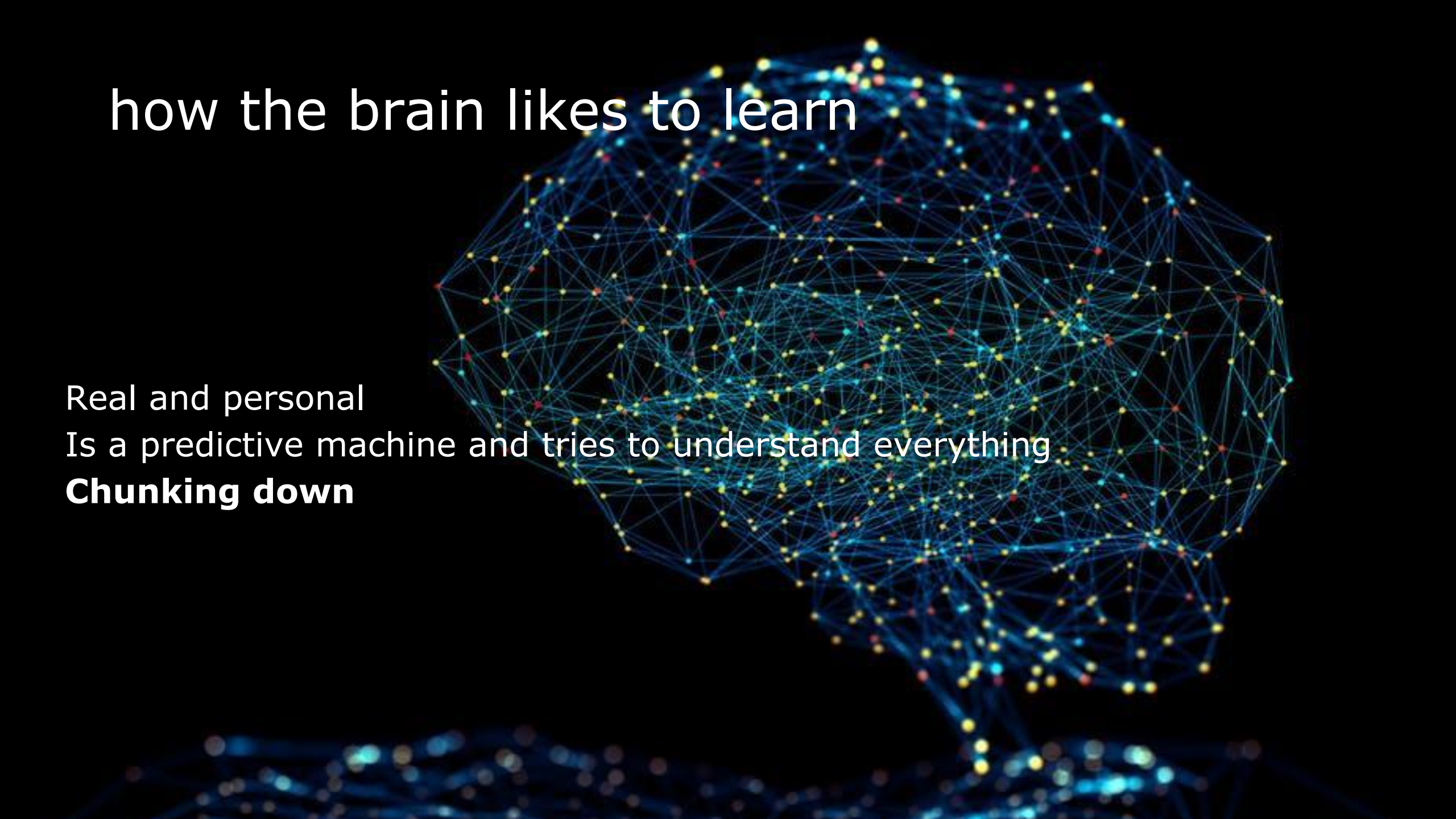
how the brain likes to learn



Real and personal

Is a predictive machine and tries to understand everything

how the brain likes to learn

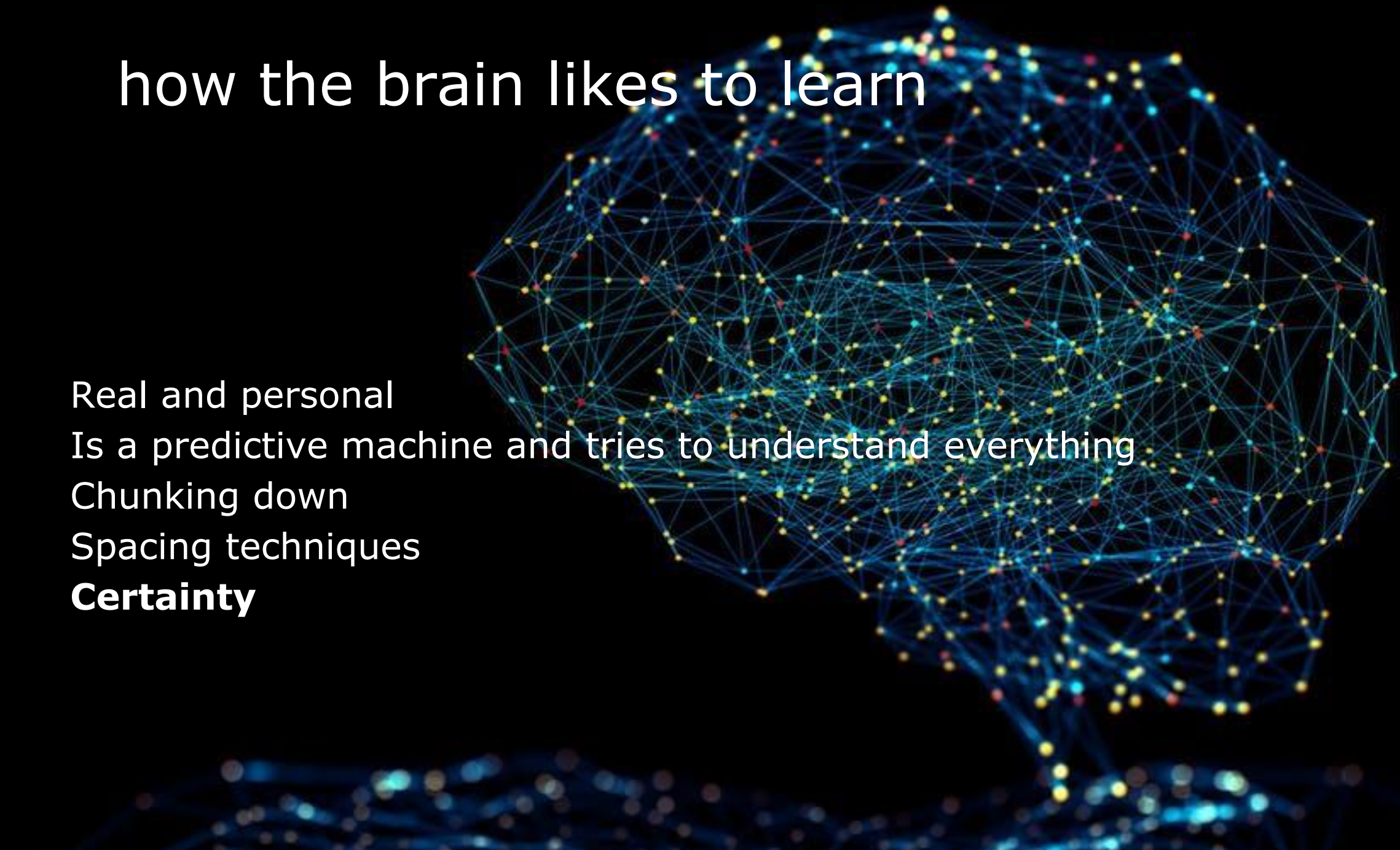


Real and personal
Is a predictive machine and tries to understand everything
Chunking down

how the brain likes to learn

Real and personal
Is a predictive machine and tries to understand everything
Chunking down
Spacing techniques

how the brain likes to learn



Real and personal
Is a predictive machine and tries to understand everything
Chunking down
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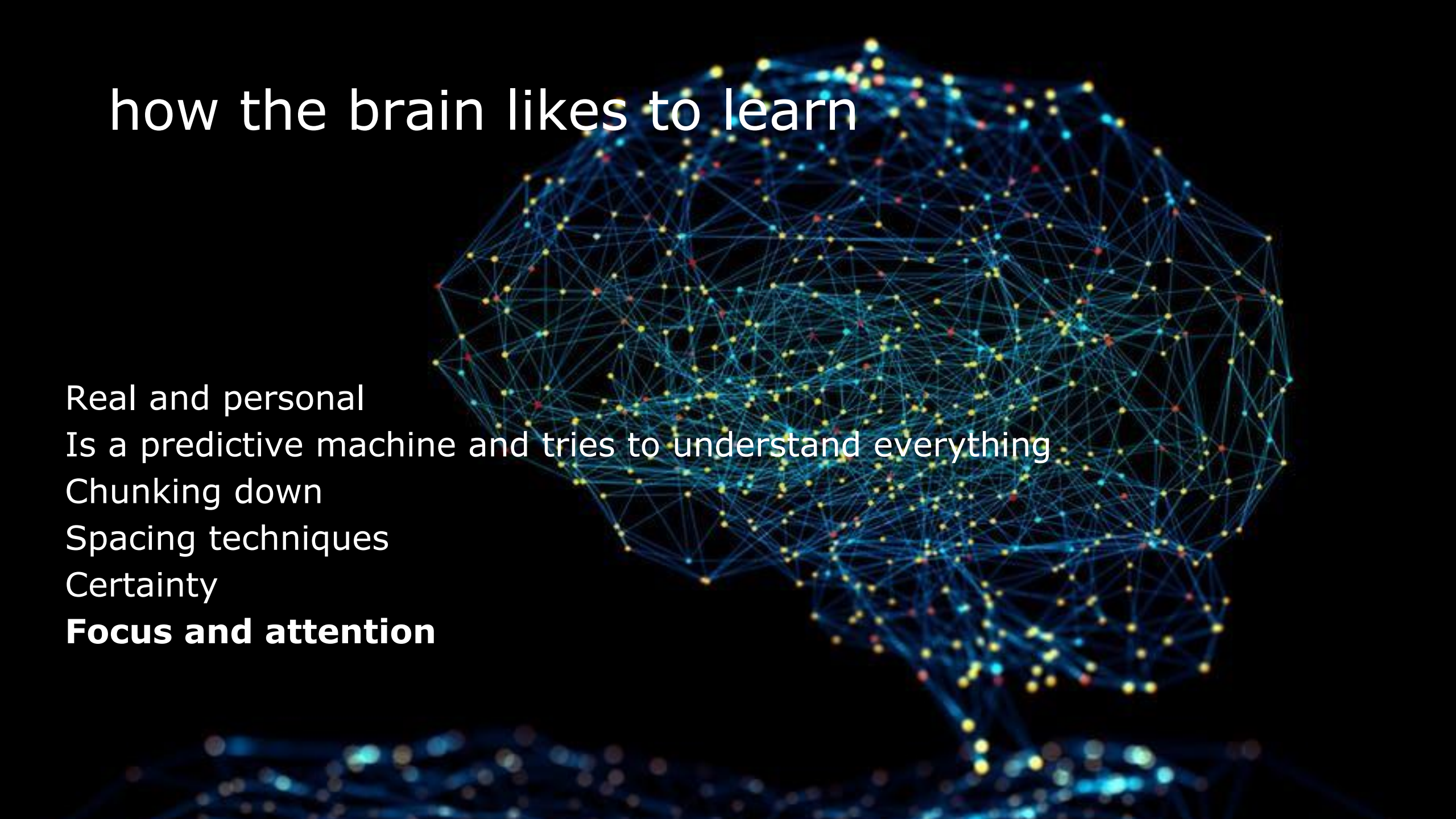
Certainty

how the brain likes to learn



Real and personal
Is a predictive machine and tries to understand everything
Chunking down
Spacing techniques
Certainty
Focus and attention

how the brain likes to learn

Real and personal

Is a predictive machine and tries to understand everything

Chunking down

Spacing techniques

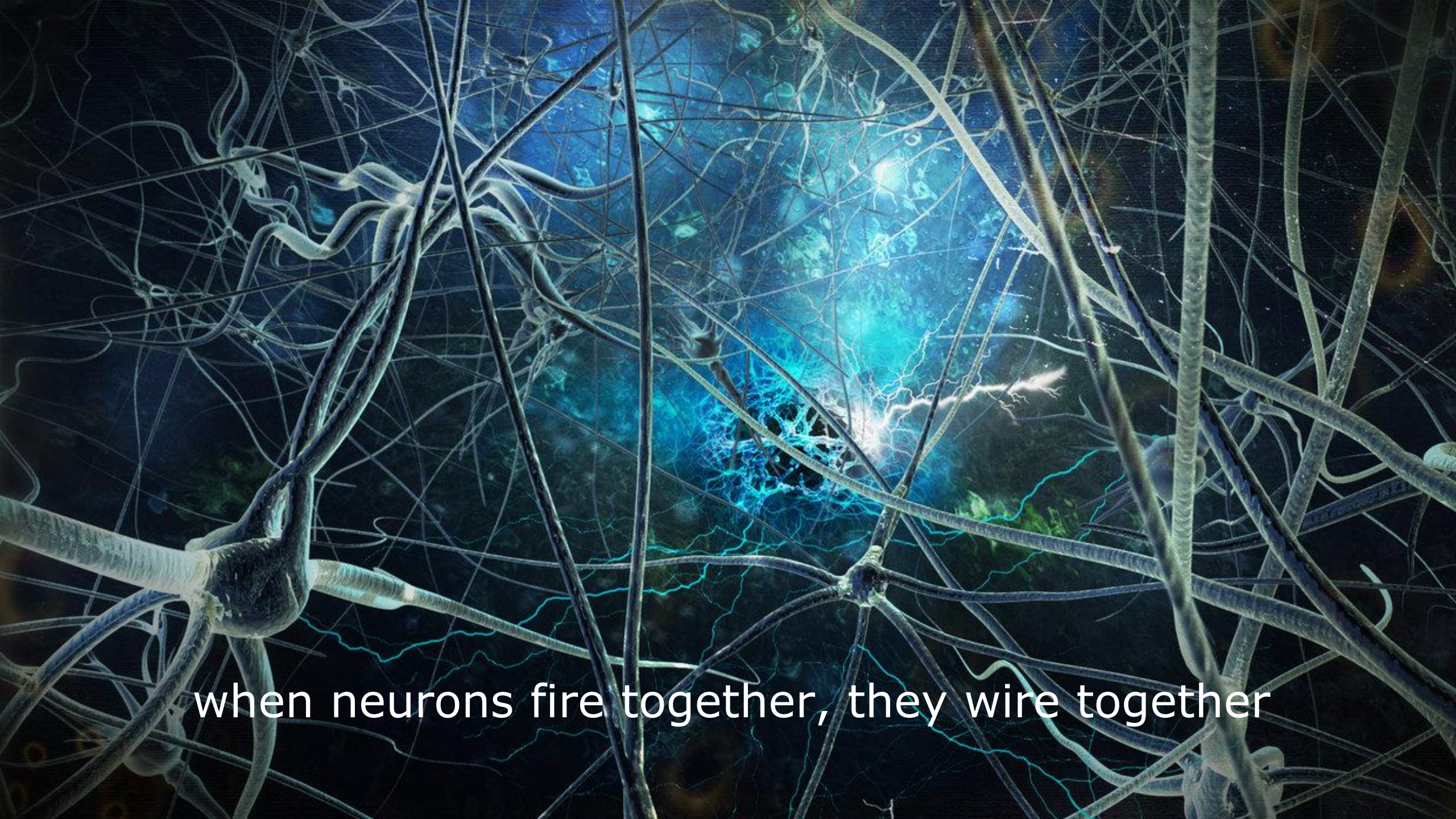
Certainty

Focus and attention

Create patterns and logical order for the subconscious brain to be picking up and connecting with

everything in the neurolanguage coaching process is brain friendly

Communication patterns
Keeping limbic system calm
Understanding motivation and commitment
The framework and structure of engagement
The HALLMARK first session
Unique Mechanical and Mastery Goal Settings
Unique goal reviews
Using Coaching conversations and models when needed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https://ncnc.coach/