

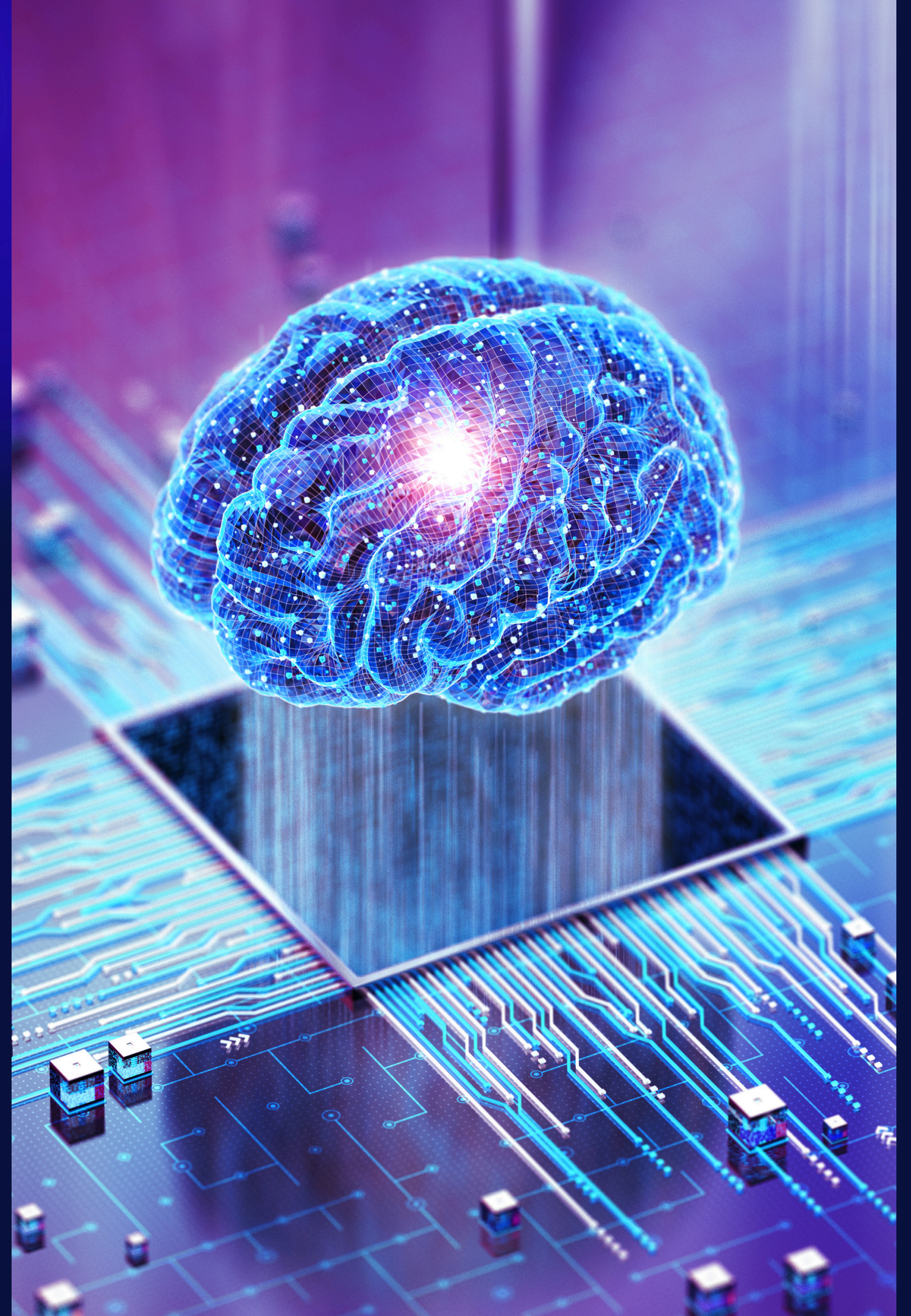
AI GOLD PERCEPTRON



Efficiency with Automation

A perceptron is the simplest form of artificial neural network – essentially a basic mathematical model that mimics how a single brain cell (neuron) makes decisions.

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HERE'S HOW IT WORKS IN THE SIMPLEST TERMS:



What it does:

importance, adds them up, and decides "yes" or "no" based on whether the total crosses a certain threshold.



Real-world analogy:

Think of it like a bouncer at a club who decides whether to let someone in based on multiple factors - are they dressed well? Do they have ID? Are they with someone important? The bouncer weighs each factor and makes a final decision.

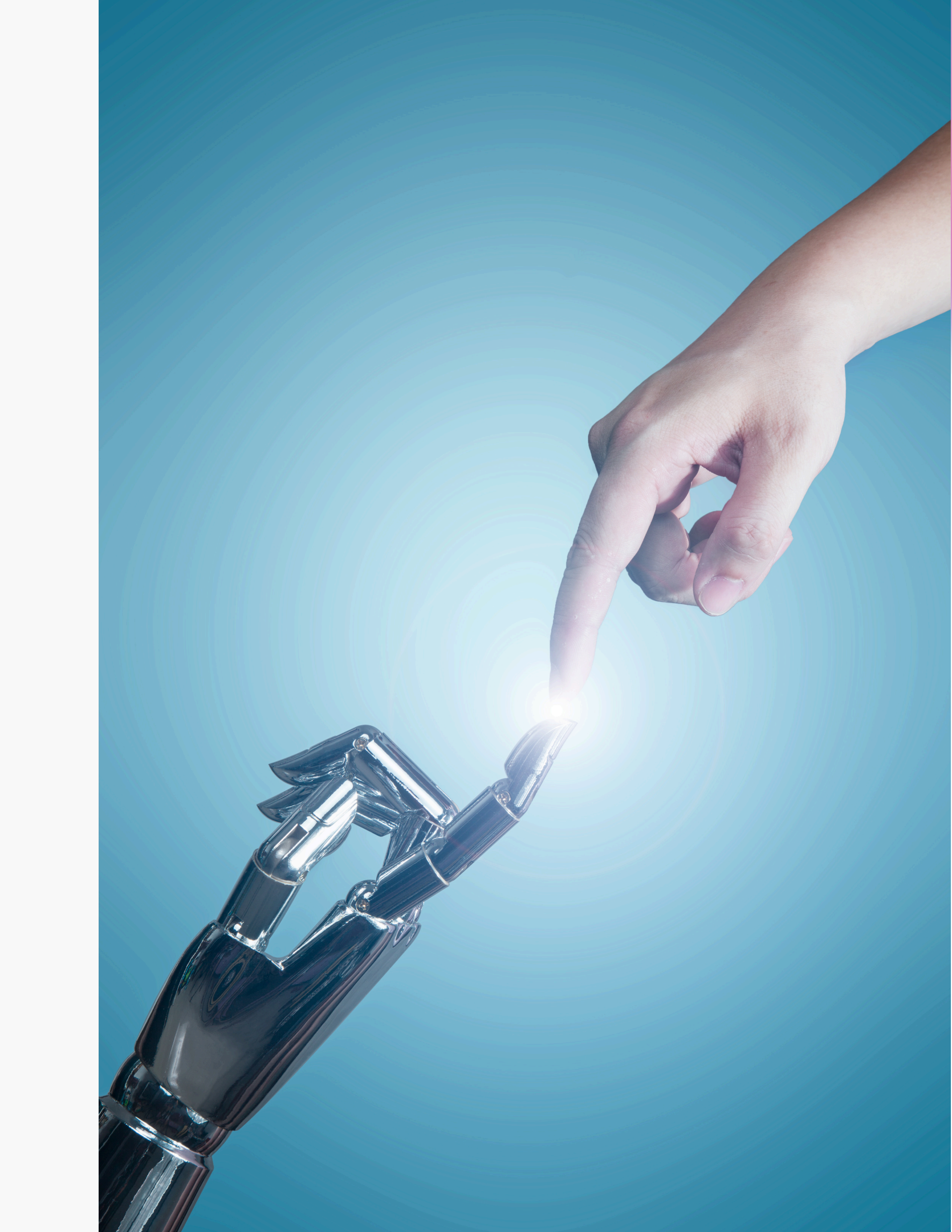


Simple example:

A perceptron could decide whether to approve a loan by looking at:

- Credit score (weighted heavily)
- Income level (weighted moderately)
- Years at current job (weighted lightly)

If the weighted sum exceeds a threshold, it outputs "approve loan," otherwise "deny loan."



HERE'S HOW YOUR EXAMPLE LOOKS WHEN FRAMED AS A PERCEPTRON MODEL (A SIMPLE NEURAL NETWORK NEURON):

🧠 INPUTS (FEATURES)

Each trading condition is treated as a binary input:

- x_1 : Fast EMA(12) crosses above Slow EMA(26) → 1 (true)
- x_2 : Price is above EMA(50) → 1 (true)
- x_3 : EMA slope is upward → 1 (true)

⚖️ WEIGHTS

Each input has a weight (importance level):

- $w_1 = 0.4$
- $w_2 = 0.3$
- $w_3 = 0.3$

📊 WEIGHTED SUM (NET INPUT)

$$z = (x_1 \times w_1) + (x_2 \times w_2) + (x_3 \times w_3)$$

$$z = (1 \times 0.4) + (1 \times 0.3) + (1 \times 0.3) = 1.0$$

🔌 ACTIVATION FUNCTION (THRESHOLD)

- Your perceptron is acting as a simple decision-making unit:
- All conditions are **true**, total score = **1.0**, which is **above 0.7**.
- The perceptron **fires** → Generates a **BUY** signal.



PERCEPTRON TRADING STRATEGY (WITH EMA)

1} INPUT LAYER:

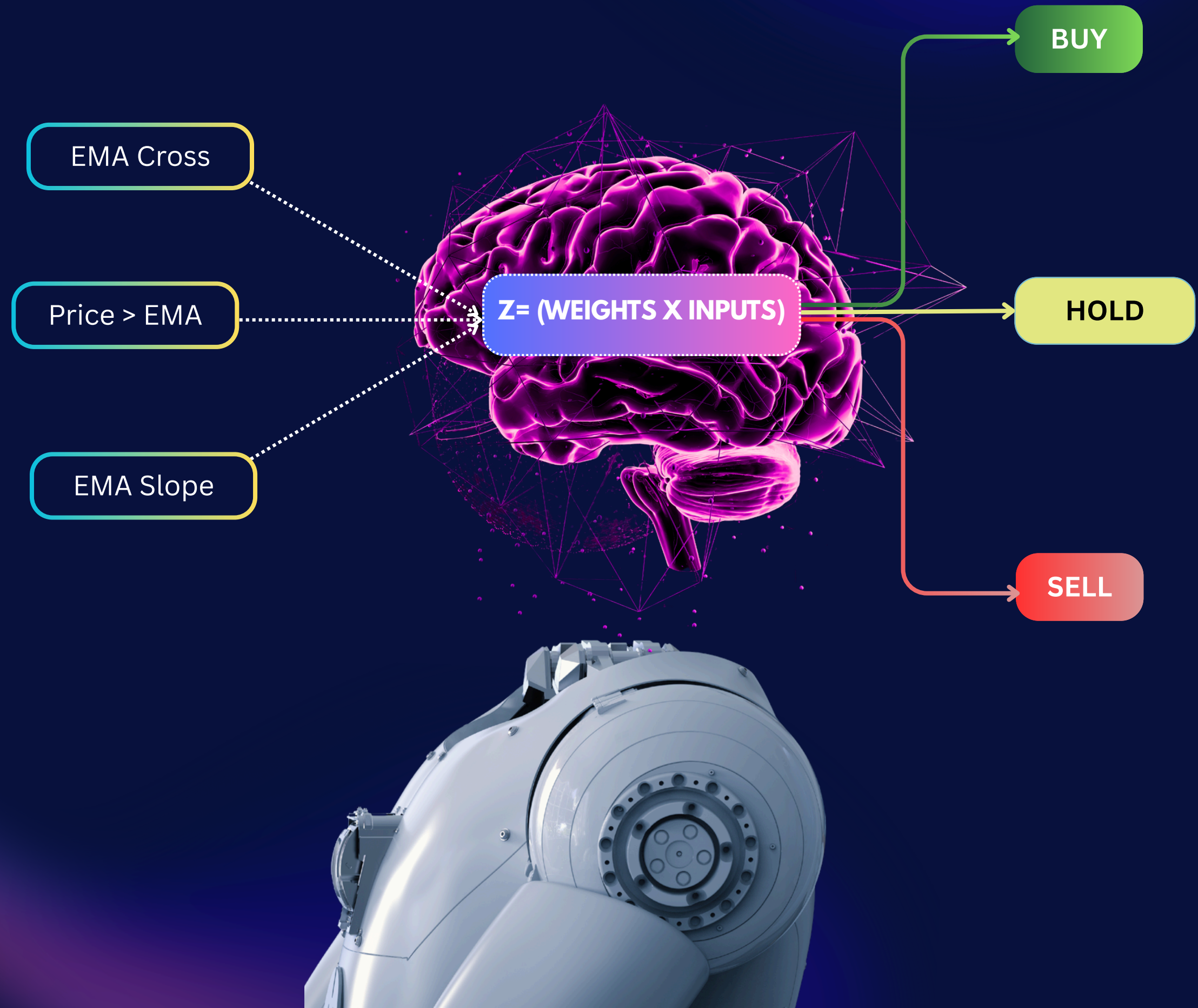
- EMA Crossovers (Fast vs Slow)
- Price vs EMA (above/below)
- EMA Slope Direction

2} PROCESSING:

- Multiply inputs x weights
- Sum the results

3} DECISION:

- If sum \geq threshold BUY
- If sum $<$ threshold SELL
- Otherwise HOLD





CONNECTED ACCOUNTS



\$10000 LIVE ACCONT

- » Login: 161278569 (MT5)
- » Server: Exness-MT5Real21
- » Password: @Liveaccount1



SCAN FOR FULL STATEMENT

\$1M ACCONT

- » Login: 7151022 (MT5)
- » Password: @Liveaccount1
- » Trading start date: 14-4-2025



\$1M ACCONT

- » Login: 82049 (MT5)
- » Server: NewtonGlobal-Server
- » Password: @Liveaccount1
- » Trading start date: 12-8-2025

CONCLUSION

The Perceptron EMA strategy simplifies gold trading by combining multiple technical conditions into one clear decision rule. Using EMA crossovers, price vs EMA, and EMA slope direction as binary inputs, each weighted by importance, the model calculates a score that triggers a BUY, SELL, or HOLD decision.

CONTACT US

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