



# The BRAIN Chips!

CYB\_Q1 MTX\_Q2

Devika Ravi

# Introduction

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- ❖ **Brain chip**, also known as a **Neural chip** or **Neuro chip**, is a technology designed to interface directly with the human brain.
- ❖ Elon Musk's company Neuralink is one of the companies that is working on developing brain chips.



# Neuralink

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1. Neuralink Corporation?
2. Neuralink (N1) ?
3. Robot the "R1" ?



# Did you know?

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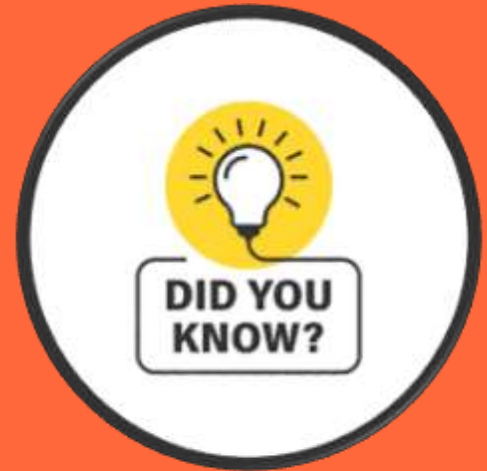
Did you know that having a brain chip could allow someone who doesn't even have eyes to see for the first time ever?

**So, this is what you need to know about brain chips:**

**-The Good**

**-The Bad**

**- And the Ugly**



# How?

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How a brain chip works?

OR

How brain implants are possible?



# The GOOD

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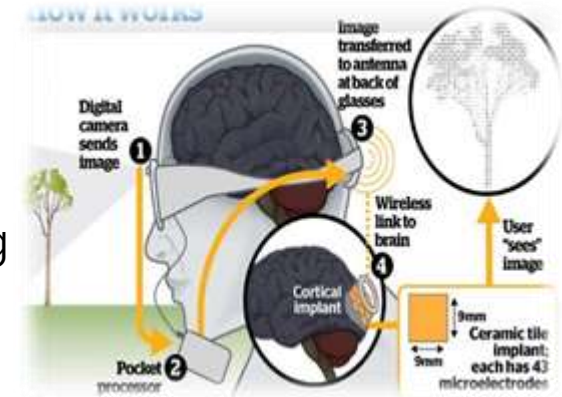
## **The Neuralink N1: a real-world example of a brain chip:**

- Entire operation is done in less than 60 minutes.
- The invisibility and wireless charging of N1 from outside the body.
- Two main motivations for brain chips:

**Restoration and Enhancement.**

# The GOOD: Restoration

- Restoring vision to the blind and expanding human sensory capabilities.
- Potential to cure paralysis, restoring mobility and independence. Example of a pig's spinal cord experiment for curing paralysis.





## The GOOD: Enhancement.

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- Next-gen N2 chip.
- Improving clarity, zooming ability, and more advanced functions.
- Possibility of advanced communication and functions like internal picture storage, mood control.
- The potential of digital resurrection after death.





# The BAD:

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NEWS | WORLD

## Elon Musk's Neuralink faces federal investigation after 'killing 1,500 animals in testing'

The US Department of Agriculture is investigating the firm following complaints that its animal testing is being rushed and causing needless suffering and deaths

1. Ethical concerns due to extensive testing on animals.
2. Neuralink's potential violation in terms of hazardous pathogen transportation.
3. The importance of FDA approval for human trials and its implications.

Future of our entire species rests on this decision by the FDA?



# The UGLY

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- Risk of hacking.
- Computer viruses infecting humans.
- Dependency on brain chip.
- Societal division.
- The affordability issue: potential for socioeconomic inequality.
- Potential negative business practices.



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# Conclusion



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**Any Questions?**



Thank You 😊

