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# Nuevos retos para la protección de los derechos de las personas ante el impacto de Internet

## Neurotecnología, neurodatos y neuroderechos

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Information gathered from the brain and/or  
from the nervous system.

We also consider as neurodata inferences  
based directly on this data such as emotional cues or  
preferences.

Human beings' neurodata is **personal data**. Neurodata often constitute **special categories of personal data** within the meaning of EU data protection law (e.g., as biometric data or as data concerning health).

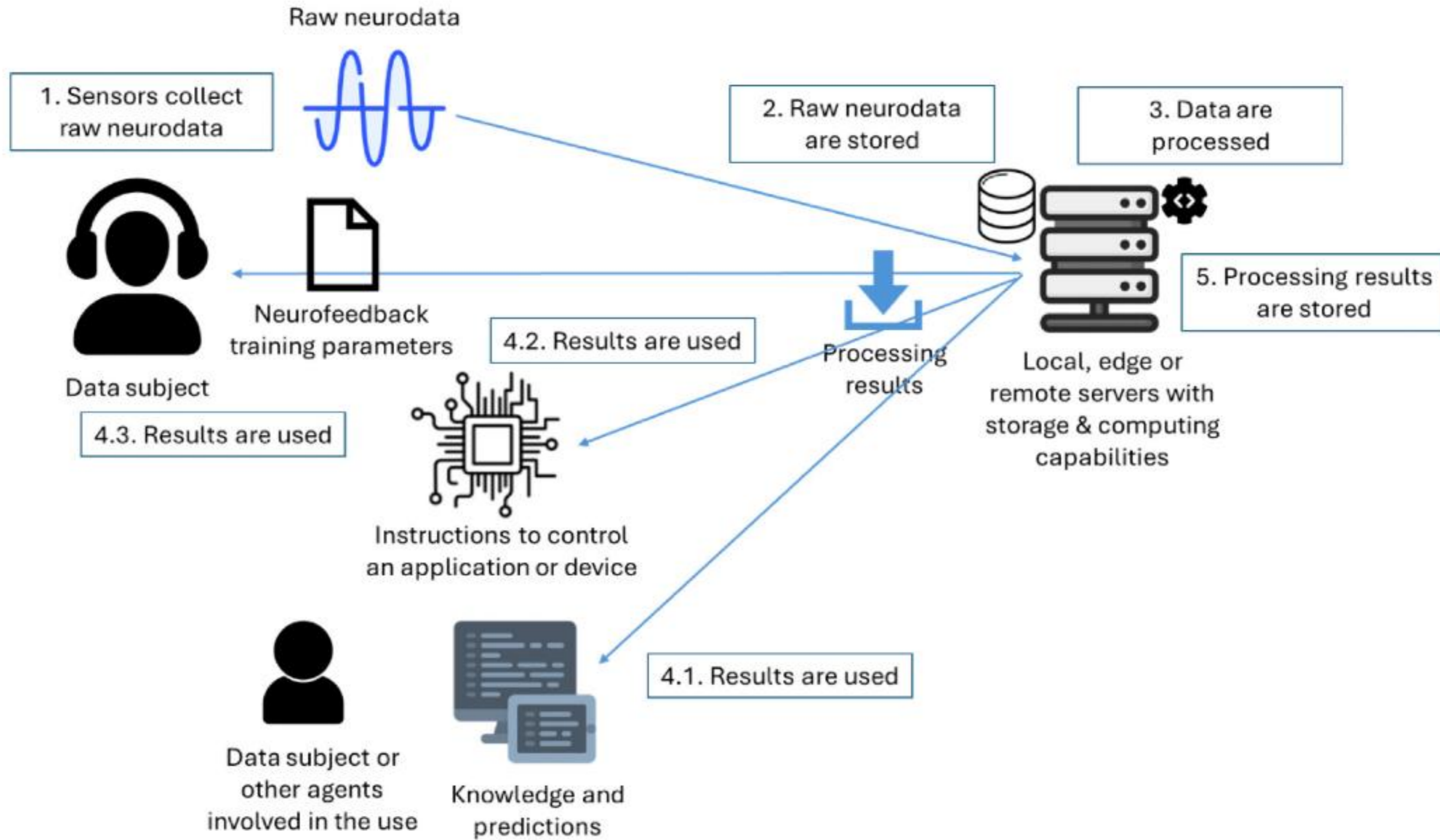
Its processing implies a **high risk**.



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## Data protection challenges when processing neurodata:

Transparency

Fairness

*Proportionality and data minimisation*

Data accuracy

**Neurotechnologies represent an unprecedented intrusion, perhaps even the ultimate step, into individuals' private sphere**



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Neurodata processing may pose unacceptable risks to fundamental rights and freedoms.

Before further progress is made, it seems essential to undertake an in-depth analysis of neurodata and neurotechnologies and assess its impact on fundamental rights and freedoms.



<https://www.aepd.es/guias/neurodatos-aepd-edps.pdf>



Thank you!



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