# Data protection challenges for algorithms

The implementation of automated decision-making and profiling in business may be directly affected by GDPR. A Decision Tree can be used to explain the crucial steps one should take when implementing algorithms or AI methods that process personal data.

- <u>Before the implementation of the algorithm</u>
    - Data protection impact assessment:
        - Type of algorithm (decision making / human intervention)
        - Lawful basis
        - Training datasets (restrictions on the collection and processing of such data)
- <u>After the implementation of the algorithm</u>
    - Type of data the algorithm will base its decisions on (is there any sensitive data involved?)
    - Data subjects' rights
        - Specific information policy
            - Logic involved
            - Envisaged consequences
            - Discrimination risks
        - Right to object
        - Particular security measures and human intervention.
- Specific decisions of the European Data Protection Board and each national supervisory authority.
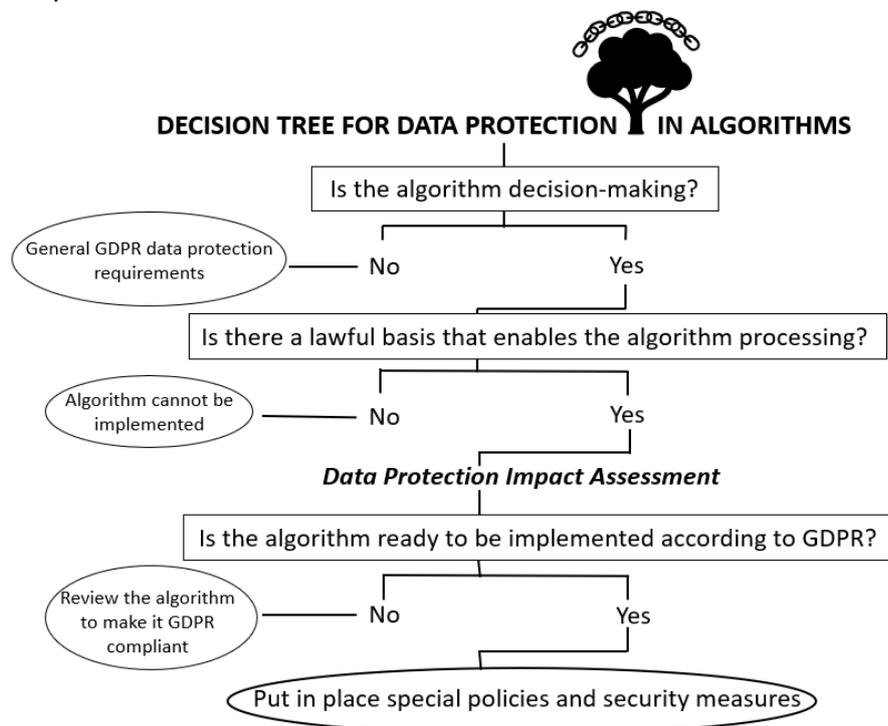
As data privacy experts, Aphaia can fully assist your company for AI or algorithms implementation and GDPR compliance. Should you require any help please, do not hesitate to contact us:

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