

Data Processing Report

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| **Project Title** | *Collect data in compliance with GDPR standards* |

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| **Version** | **Author** | **Description** | **Date** |
| *V1* | *Gaspard-Fauvelle Angel* | *Data anonymization report* | *04.16.2023* |

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| **Introduction** |
| *Client claims to have been impacted by information dated 7 years prior, despite not being insured, found in the database.*  *He is thus convinced that this information is being used against him, affecting a 25% penalty on his quote. This has proven to be true.*  *The solution is, initially, to cleanse this data and to establish a series of instructions that enable the company to manage future data processing autonomously.* |

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| **Contenu du rapport :** |
| **Recommendations:** By establishing a list of recommendations, this allows for the development of a long-term plan for processing various information:   * According to the client's status; * Respect for their privacy; * The transparency that the company must demonstrate towards the client; * The anonymization of certain sensitive data; * The archiving, or even the deletion of unnecessary data after the completion of the processing purpose agreed upon beforehand between the client and the company.   **Documentation** of the processing carried out :   * Verification of the format of the different columns followed by the export of the database; * Importing the database into PowerQuery; * Deletion of columns unnecessary for the processing purpose, extraction of essential columns; * Transformation, by random indexing of each client's identifier, by creating categories to anonymize any data related to money, and finally replacing the number of children with a TRUE/FALSE boolean; * Importing the file in CSV format |

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| **Conclusion** |
| *Any sensitive data that allows for the identification of the person, on the one hand, and on the other hand, by cross-referencing information, could potentially reveal their privacy, should undergo the most radical processing ; this in order to only use data aimed at:*   * *increasing productivity;* * *improving exchanges between advisors and clients;* * *modifying pricing plans according to income, situation, and driving behavior.*   *This constitutes a respectful approach to GDPR standards.* |