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# Factsheet 09: Differential Privacy (DP)

## Useful insights—without exposing individuals

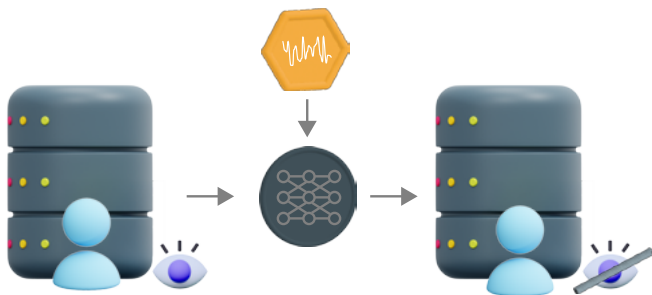


### The Problem

Aggregated results and trained machine learning models can still leak information about individuals when combined with external data sources.

### PRIVIDEMA's Contribution

PRIVIDEMA uses DP to protect identity and CTI analytics, tuning parameters to balance privacy and utility and documenting recommended defaults for adopters.



### The Solution

DP injects carefully calibrated noise into statistics or model training, so outputs reveal population-level patterns while making it provably hard to infer any single person's presence.

### European Impact

A practical, measurable privacy guarantee that supports GDPR principles of minimisation and privacy by design.



Consortium  
7 Partners  
5 Countries



Budget  
€ 5.3 Million  
€ 3.1 EU-funded



Duration  
36 Months  
11/2024 - 10/2027



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