AnalyticDID

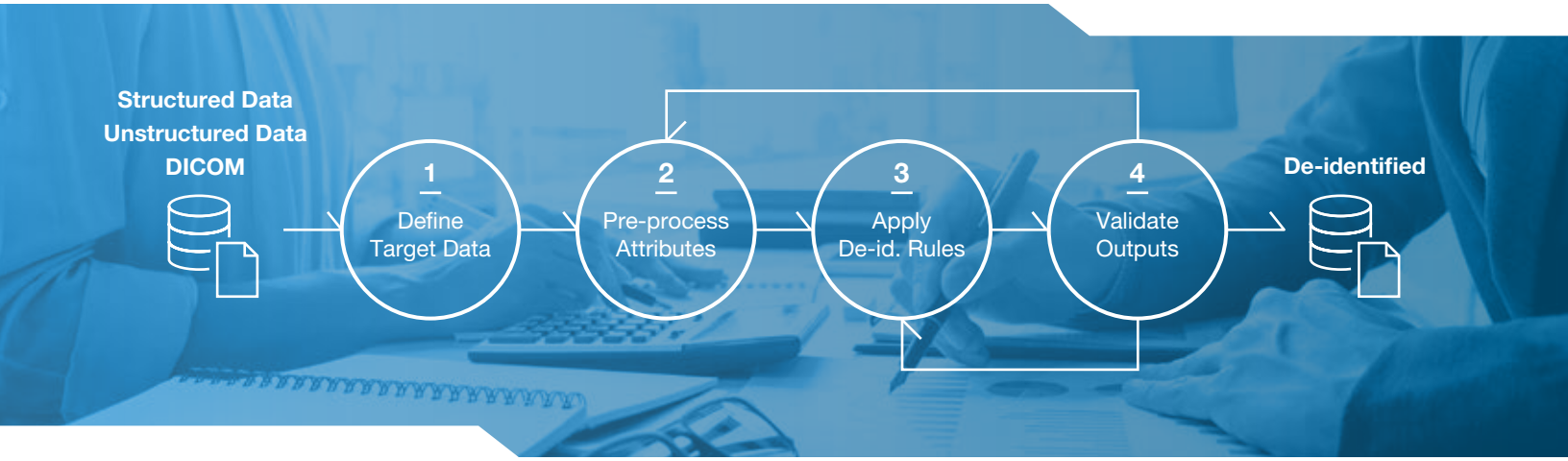
Intelligent De-identification Platform

Big Data Analytics
Global Compliance
Data Optimization
DICOM Anonymization

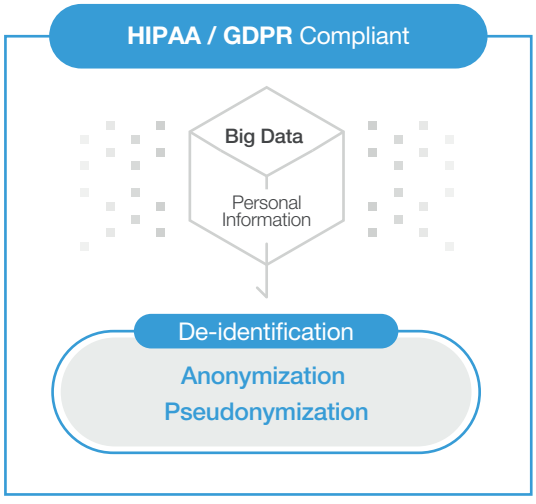
Compliant with : HIPAA GDPR

Unleash the value of big data without compromising security and privacy

AnalyticDID uses data anonymization and pseudonymization techniques to transform personally identifiable information (PII) into data that cannot be used to identify an individual. It focuses on business utility of the data while ensuring privacy. This allows you to effectively analyze large amounts of data without violating privacy regulations.



As organizations gather and compile large amounts of business data to understand trends, gain insights into customer preferences and develop new innovations, they invariably capture a lot of PII. Regulations, such as HIPAA and GDPR, require that data be de-identified or made anonymous for secondary use or analysis. Under the HIPAA regulatory framework, covered entities shall de-identify protected health information (PHI) before using it for any secondary purposes, such as comparative effectiveness studies, policy assessment, and life sciences research. The challenge is that many de-identification tools focus on eliminating personal identifiers, but make it difficult to use the data. AnalyticDID maximizes the analytic utility and insights of data without compromising privacy.



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Safe Data Pseudonymization and Anonymization

AnalyticDID de-identifies data using selected methods and privacy models from the broad areas of data de-identification and statistics. It features data analytics and visualization capabilities, so users can simulate the output to balance data utility and privacy. Privacy modeling allows users to select different algorithms and techniques that best meet de-identification, analysis and privacy requirements.

AnalyticDID helps you:

Pseudonymize and anonymize data

- Structured data & unstructured data (DICOM) format supported
- Privacy model: k-anonymity, l-diversity, t-closeness, differential privacy, basic β-likeness, recursive-l, δ-presence
- Data transformation: Pseudonymization, aggregation, data reduction, generalization, masking or combinations

Simulate and balance outputs

- Data granularity
- Transformation degree
- Value distribution
- Uniqueness
- Ambiguity
- Re-identification risk
- Utility

Comply with regulations/standards

- HIPAA (Safe Harbor and Expert Determination methods)
- GDPR (data pseudonymization and anonymization)
- ISO 20889, ISO 25237

Ensure the performance

- Apache Spark analytics engine
- In-memory technology
- Proprietary patented technologies

About Fasoo

Fasoo provides unstructured data security and enterprise content platforms that enable our customers to protect, control, trace and analyze critical business information while enhancing productivity. Fasoo has successfully retained our leadership in the unstructured data security market by deploying enterprise-wide solutions for more than 1,500 organizations globally, securing more than 2.7 million users. Fasoo is experiencing continuous improvement in its global market position, based on our unique technology, ongoing R&D and strategic approach to comprehensive product capabilities by extending our core security capabilities into content-centric collaboration, behavioral analytics and information security consulting services.

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