



# Cyber Data Breach Analytics & Reporting

**DCUBE**  
DATA DRIVEN DECISIONS



**PROTEM GLOBAL**

# We Are DCUBE

DATA DRIVEN DECISIONS



## Experienced Forensics Professionals

- A team of forensic accountants, compliance professionals, technology subject matter experts.
- A combined forensics experience of more than 100 years.
- Delivered more than 1000 projects across the globe.
- We collaborate with Law Firms, Incident Response Companies, Internal Audit, Compliance and Corporate Legal Departments to support their investigations and data analytics services needs.

Number of Projects Completed

**500+**

Amount of Data Processed

**150+TB**

Data Breach Notifications Generated

**50+M**



## Intelligent Automated Services

We have reimagined how services are delivered and leverage the world's most cutting-edge automation technology available.

- + Better quality
- + Less risk
- + Minimized human error
- + Shorter timeframes
- + Most competitive price

# *Cyber Data Breach Notification Services*



Create notification lists so you can respond to all state, local, federal and even commercial contractual obligations within the required timeframes.

Our team uses a purpose-built automation platform for the identification of PII throughout both structured and unstructured data sets.

## *We Identify:*





1

Our team of trained data scientists are ready to create notification lists so you can respond to all state, local, and federal agencies within the required timeframes.

2

Our team uses a purpose-built automation platform for the identification of PII throughout both structured and unstructured data sets.

3

Our algorithms can identify PII across various structured and unstructured file formats and languages.

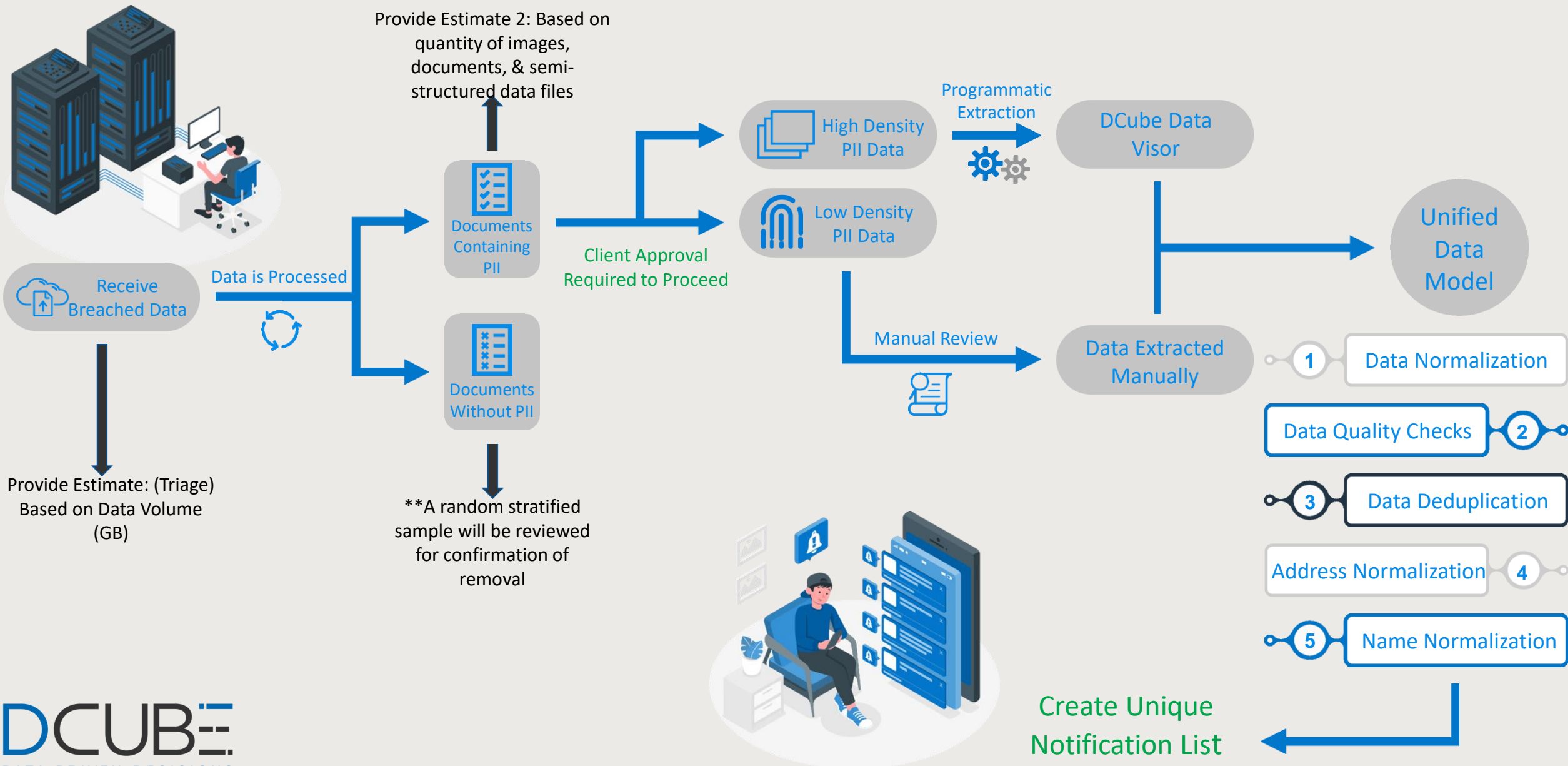
4

Quality control is at the core of everything we do. We use numerous tools and technologies for QC while most others are using error-prone humans.

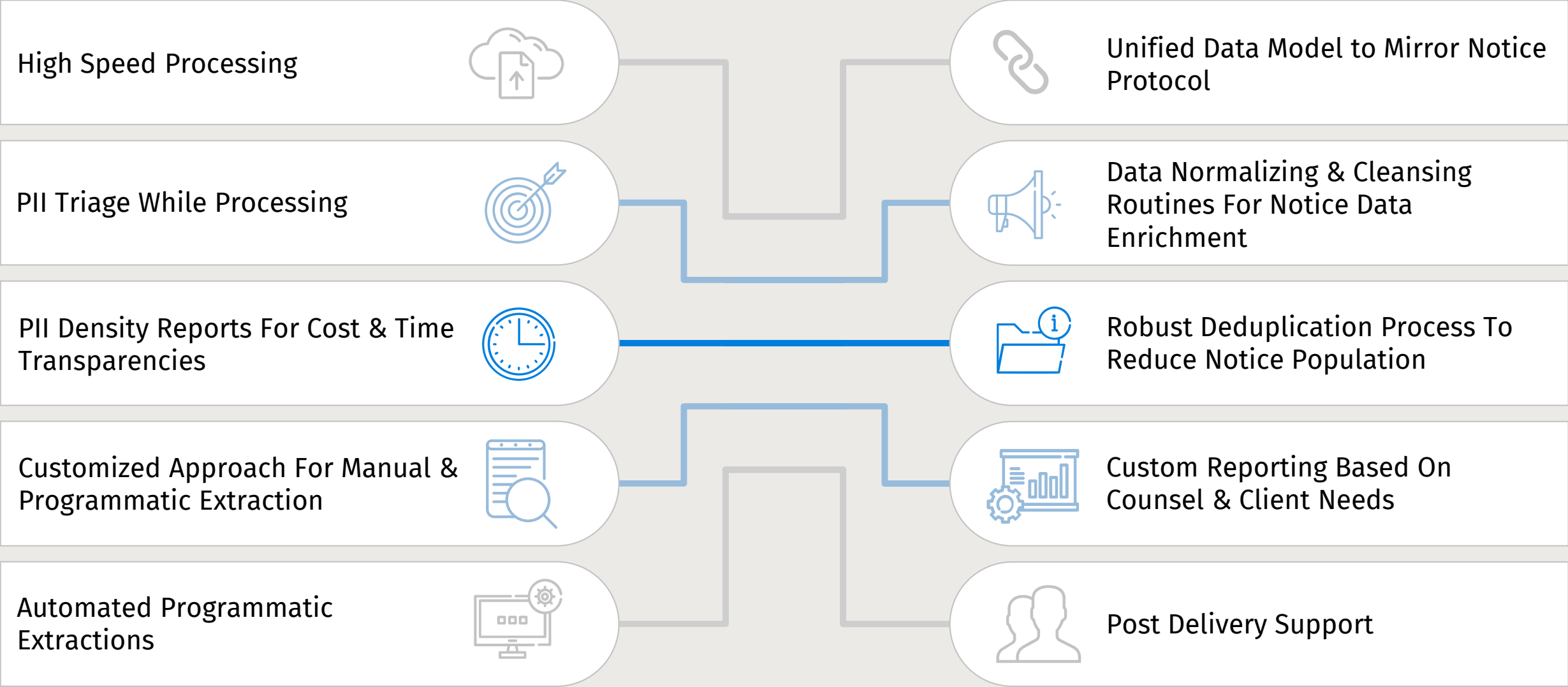
5

Data categories that we most frequently identify:  
**PII, PHI, PFI, FERPA, NPII.**

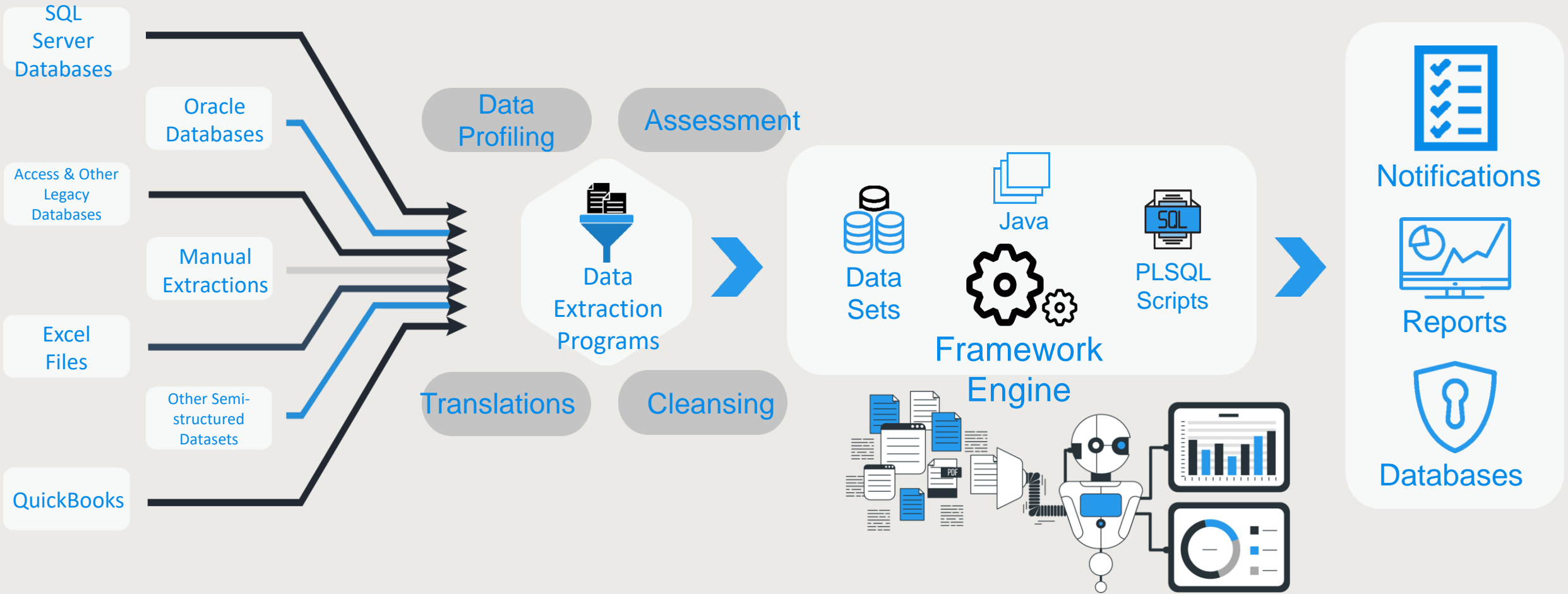
# Process Workflow



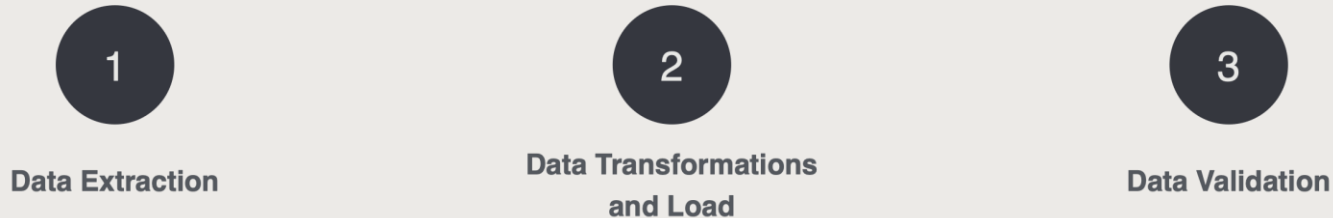
# Cyber Data Breach Analytics – DCube Features



# Structured/Semi-structured Data Extraction Workflow



## Data extraction and Analytics Process Architecture



# Data Extraction Details

01

## Data Profiling

Data from different data sets will be profiled for quality assessment and data extractions. Files with foreign characters will be identified

02

## Assessment

Data assessment will be done through an automated assessment process. Files that fail during the auto assessment will be sent for human cleansing

03

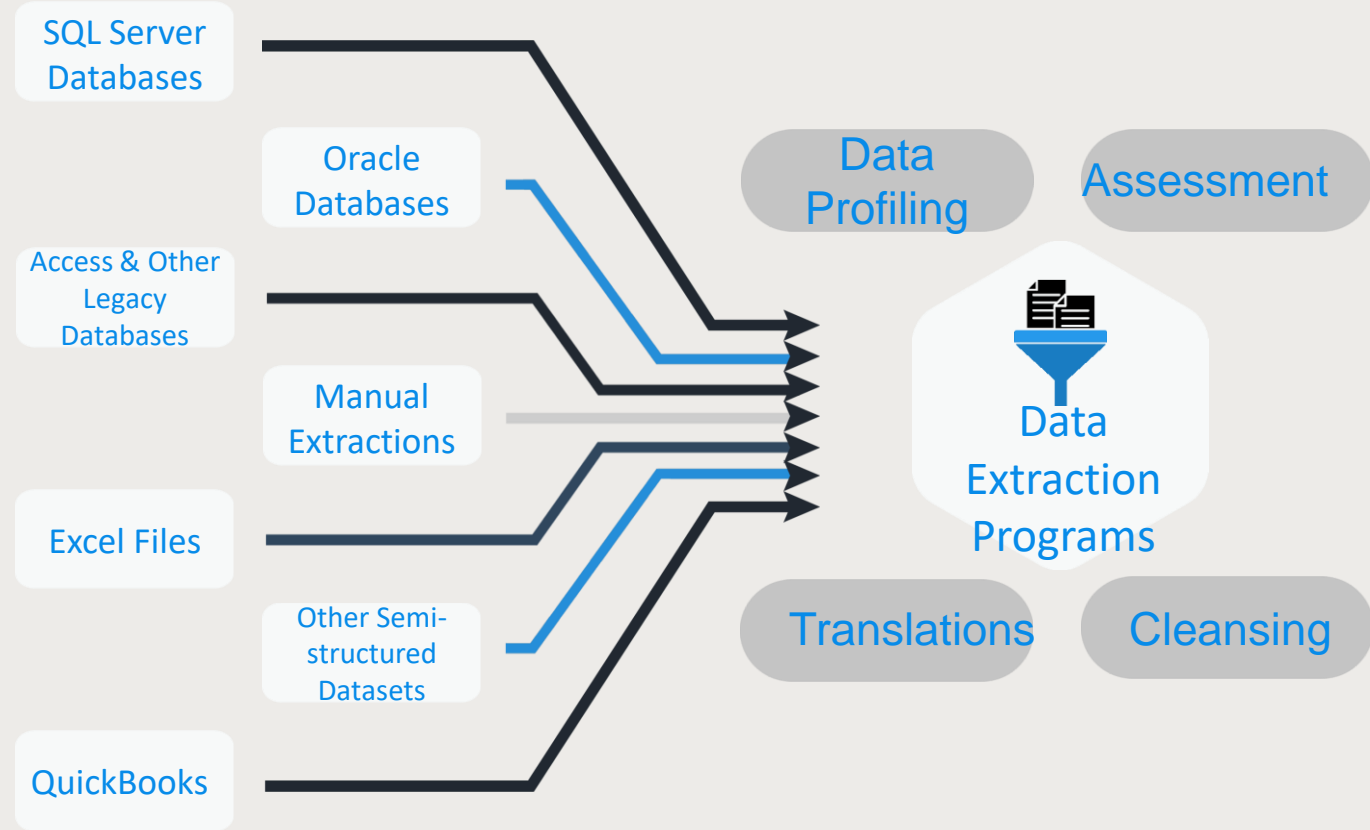
## Language Translations

Our cognitive services will be leveraged to translate non-English data with adequate quality checks

04

## Cleansing

Files identified for cleansing will be run through automated and human cleansing process.





# Data Enrichment Details

01

## Batch Processing

Ability to configure and process data from multiple data sources including structured and semi structured data

02

## Key Generator

Ability to generate readable Keys to maintaining the referential integrity and unique ID to track back to the source file

03

## Transformations

Data transformations services for data normalization and enrichment

04

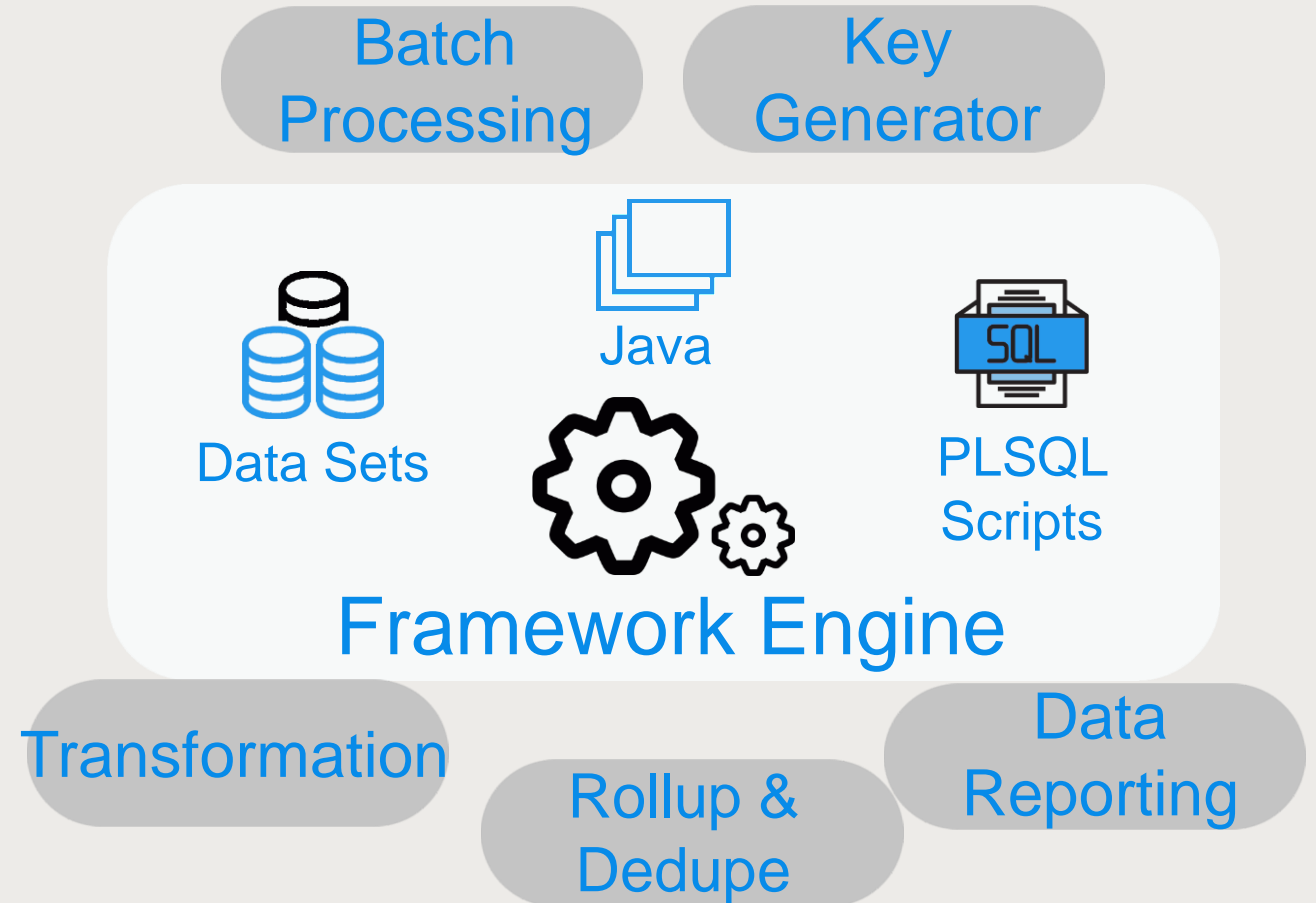
## Rollup and Dedupe

Redundant data will be deduped  
Data related to the individuals from multiple records will be rolled up into a single record

05

## Data Reporting

Generate notifications as per the agreed protocol. Provide links to source files.



# Certifications & Security



Data integrity and security are of the utmost importance to Dcube and are the cornerstone of every client engagement

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