EigenTechnologies
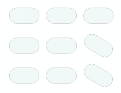
An intro to our Document AI Platform

TURN YOUR DOCUMENTS INTO DATA

Inaccessible data leads to significant value leakage

98% of data has never been analysed[1]

80-90% of enterprise data is unstructured and therefore prohibitively expensive and time consuming to unlock the value of this data[2]

THIS LEADS TO...

EXAMPLES

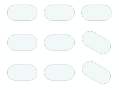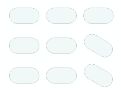|	
Inability to understand systemic risk	A bank not understanding discrete market and legal risks in documents underlying complex financial instruments, *which led to the 2008 financial crisis*
Inability to capture growth opportunities	A major wealth management bank unable to capture a larger segment of the market due to high operational costs in triaging customer emails and documents
Proliferation of systems & processes leading to significant inefficiencies	An insurance company having more than ten human touchpoints before a customer email gets routed to the right person

Data extraction from text remains a big challenge

TOP DOCUMENT WORKFLOW CHALLENGES, % OF RESPONDENTS

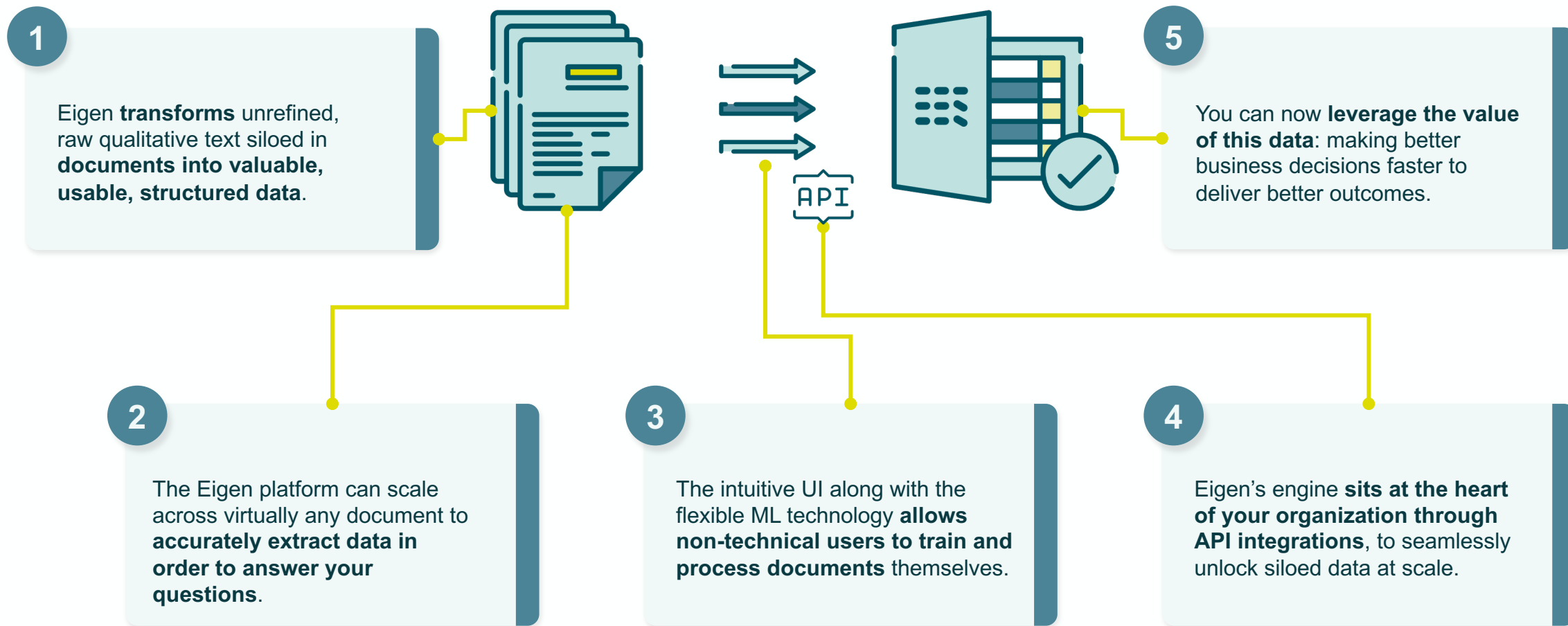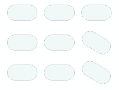| Challenge	%
Manual data extraction from documents	33%
Physical space to store documents	32%
Missing documents or information	31%
Poor data, errors, and inaccuracy of information	30%
Work flow more paper-based and highly manual	29%
Manual sorting and classification of documents	27%
Documents exist in different and/or incompatible formats	26%
Forms processed partly or wholly in paper	23%

Data extraction is the greatest document workflow challenge because of the complexity of language.

The diversity of documents means that 'customization at scale' is required: the ability to process various document types with minimal training.
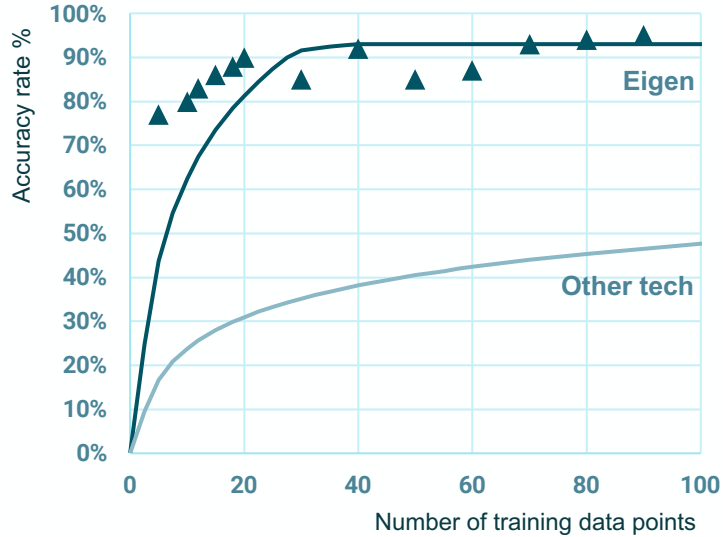
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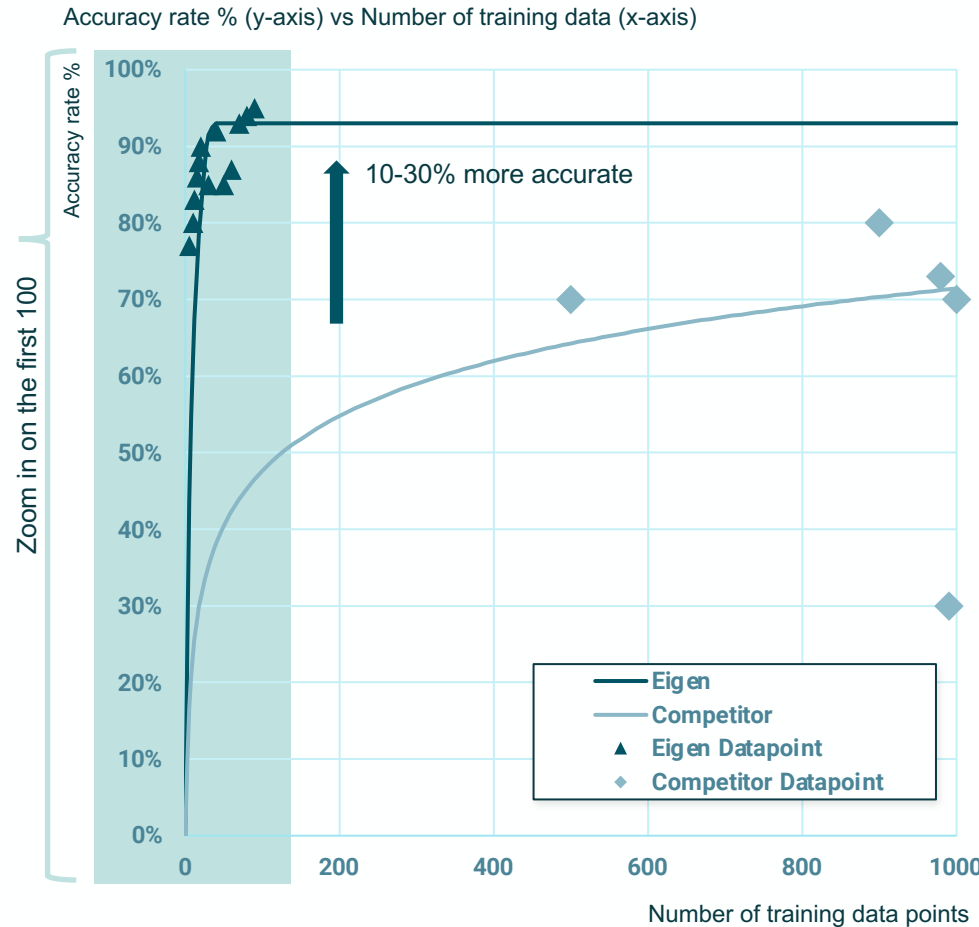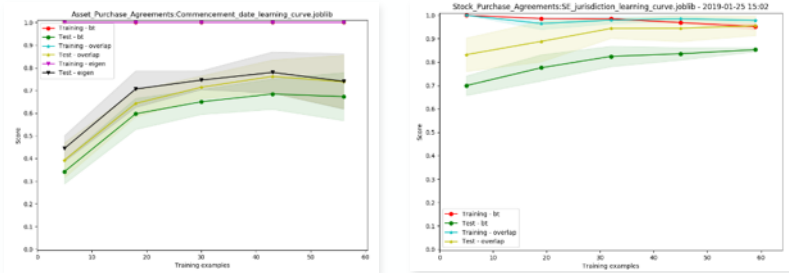# Eigen uses NLP to unlock the value of unstructured textual data siloed in documents

1 Eigen **transforms** unrefined, raw qualitative text siloed in **documents into valuable, usable, structured data**.

5 You can now **leverage the value of this data**: making better business decisions faster to deliver better outcomes.

2 The Eigen platform can scale across virtually any document to **accurately extract data in order to answer your questions**.

3 The intuitive UI along with the flexible ML technology **allows non-technical users to train and process documents** themselves.

4 Eigen's engine **sits at the heart of your organization through API integrations**, to seamlessly unlock siloed data at scale.

API

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4

Eigen routinely outperforms alternative tech platforms in benchmarking exercises

Accuracy rate % (y-axis) vs Number of training data (x-axis)
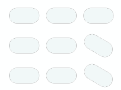
10-30% more accurate

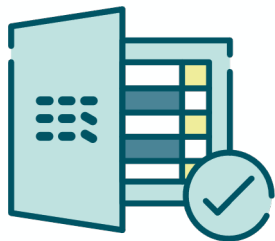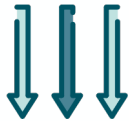Example charts from Eigen R&D

- **Eigen has never lost an NLP benchmarking exercise** vs other tech platforms.

- **When benchmarked vs other technology platforms[1]**, **Eigen learns faster:** the charts on the left show accuracy rate as a function of training data. Eigen can achieve high accuracy with as little as 2-100 training documents vs 100s or 1000s with other platforms.

- **The final accuracy rate of Eigen is 10-30% higher vs other tech platforms** as well (even though other platforms require significantly more training data).

Six reasons why clients choose Eigen

1 ACCURACY

- We deliver market-leading accuracy rates (typically up to and above 90%)
- Usually 10-30% more accurate when compared to other platforms
- Our platform includes a manual review function for low confidence answers

2 FLEXIBILITY

- The Eigen platform is capable of handling a wide variety of documents
- It can be trained using very few documents; 2-100 vs 100s to 10,000s required by other platforms

3 SECURITY

- Only the client's data is used to train their models, and this is never shared with others
- Eigen can be deployed on cloud or on premise, so clients can stay in full control of their data

4 EASY TO MANAGE

- We put the power of machine learning in your own hands with easy-to-use UI
- Models can be trained quickly by non-technical users
- The client retains full control of models and know-how
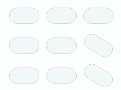
5 EASY TO INTEGRATE

- Open-ended integration with a full suite of APIs available
- Easily scalable to process new document types/business needs
- We have a long track record of integrating across many system types

6 MARKET EXPERTISE

- We have FS expertise with a highly qualified team who understand challenges
- We have in-depth knowledge of regulation and compliance
- Proven experience of custom designed training methodologies

Who has Eigen helped and how

Risk-weighted asset relief for a leading European banking group

Eigen was used to automate the extraction of previously unanalysed, inaccessible unstructured data across a leading bank's real estate portfolio.

The data was used to create more accurate valuations of the capital tied to loans, which unlocked hundreds of millions of dollars in risk-weighted asset (RWA) relief.

Automated CLO risk assessment for a US-headquartered investment firm

Using Eigen, the firm was able to rapidly and comprehensively review its entire CLO portfolio and build a database of critical deal-level information.

This data enabled the firm to react swiftly to changing market conditions and take decisive action that prevented them from making substantial losses.

Streamlined the credit agreement due diligence process for an EU G-SIB
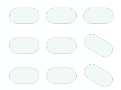
An international bank is using Eigen to analyze and extract data from various types of credit agreements to support their deal execution due diligence processes.

Through the automation of these processes, the use of Eigen has resulted in significant cost savings while also reducing deal execution turnaround times.

Accelerated a LIBOR transition project for a market-leading law firm

A law firm appointed by a client to assist with their LIBOR transition, used Eigen to speed and scale up the legal review of their client's back book of loan documents.

By using Eigen, the law firm was able to meet an aggressive four-week deadline imposed by their client for a LIBOR-focused legal review project.

Reduced costs associated with QFC record keeping for an investment bank

A large investment bank uses Eigen to extract the data necessary to meet its QFC record keeping requirements. The bank's legal team can now automatically process documents in scope through Eigen.

The bank has been able to reduce its administrative overheads related to QFC reporting by 96% as a result.

Increased efficiencies for bilateral loan operations at a global investment firm

A global investment firm uses Eigen to automate loan processing to scale and speed-up operations for customized agreements without compromising on accuracy.

The firm has reduced average loan processing times by two-thirds and now delivers data to downstream systems in real-time.

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Our transparent AI gives you full visibility and control, from documents to data

Eigen's NLP platform has been designed to put you in full control of your documents and data. You can **easily train custom machine learning models on your own data,** or use our open and **editable pre-trained models to kick start your model development**. With either option, **the Eigen Platform provides full transparency and control throughout the machine learning process**.
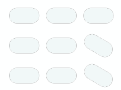
Eigen is open and transparent…

Full ML model transparency

Verify results and retrain

Keep control of your data

…not a black box

Opaque ML models

Difficult to update

Hidden training data

Eigen is easy to implement and scale across your organization

1   CHOOSE YOUR PREFERRED SERVICE PACKAGE

- **Supported Model Development**
  For clients who want a self-service platform following set-up and training
- **Full-Service Model Development**
  For clients who prefer a fully managed end-to-end service
- **Additional Professional Services**
  Further options available to tailor the platform to your specific needs.
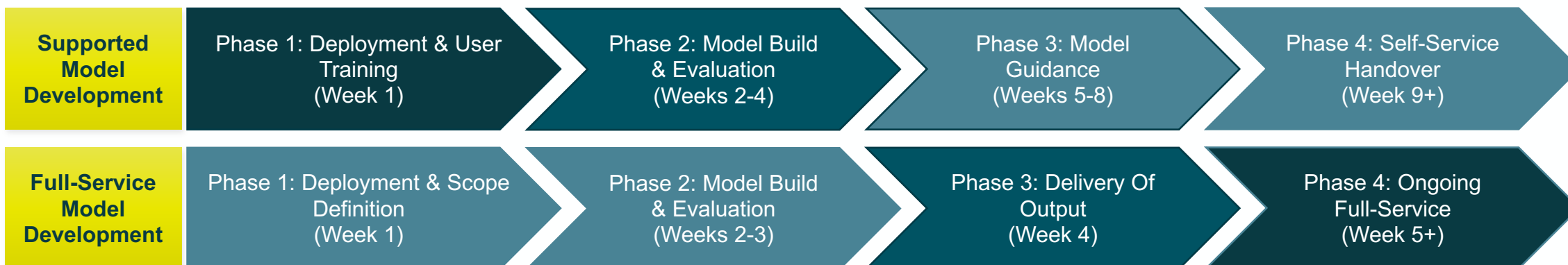
2   CHOOSE YOUR PREFERRED DEPLOYMENT OPTION

- **Eigen Hosted Cloud**
  The platform is managed on Eigen's VPC
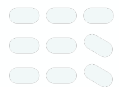- **Client Hosted Cloud**
  The platform is managed on your VPC

3   RECEIVE ONGOING SUPPORT AS STANDARD

- **Dedicated Customer Success Manager** Supporting you throughout the lifetime of your agreement
- **Regular free platform upgrades** Enabling you can take advantage of new features and functionality
- **Ongoing maintenance and support** Providing you with platform and data reliability.

EXAMPLE IMPLEMENTATION TIMELINES

Supported Model Development	Phase 1: Deployment & User Training (Week 1)	Phase 2: Model Build & Evaluation (Weeks 2-4)	Phase 3: Model Guidance (Weeks 5-8)	Phase 4: Self-Service Handover (Week 9+)
Full-Service Model Development	Phase 1: Deployment & Scope Definition (Week 1)	Phase 2: Model Build & Evaluation (Weeks 2-3)	Phase 3: Delivery Of Output (Week 4)	Phase 4: Ongoing Full-Service (Week 5+)

Eigen is trusted and backed by leading banks, investment firms and global businesses

CLIENTS INCLUDE

Banks
- Including one-third of G-SIB Banks (Global Systemically Important Banks), including: Goldman Sachs   ING   J.P.Morgan   BNP PARIBAS
- 4 of Top 6 US Banks
- Key clients across US, Canada, Europe/UK, Asia, and South America

Asset Managers, Hedge Funds, and Credit Funds
- Clients covers >$10tn in AUM, including: BlackRock   FORTRESS
- Diverse group of medium + large asset managers as well as smaller hedge funds and credit funds

Law/Accounting Firms & Insurance Companies
- Selected clients include: ALLEN & OVERY   HISCOX   Deloitte.

OUR INVESTORS

As of March 2020, Eigen has raised over $60m.

Goldman Sachs   TEMASEK   LAKE STAR   dawn.   ING

AWARDS & ACCOLADES

FT FINANCIAL TIMES   Forbes   FORTUNE   FT FINANCIAL TIMES INTELLIGENT BUSINESS 2020 AWARD WINNER   2019 AI 100 EigenTechnologies CBINSIGHTS   CogX AI Innovation Awards 2019 WINNER Best AI Product in Legal   Gartner COOL VENDOR 2020   REGTECH100 2021

Bloomberg   BUSINESS INSIDER   FT FINANCIAL TIMES INTELLIGENT BUSINESS 2019 AWARD WINNER   www.RegTech100.com

Gartner Cool Vendors in AI for Banking and Investment Services report 2020. By Moutusi Sau, Jeff Casey, Andrew Steadman, Saniye Alaybeyi

Eigen supports a myriad of different document types and business needs – examples include

CLOs

Quickly identify key facts about CLO tranches that enable you to build risk and return profiles without reading 400+ pages yourself.

QFC RECORD KEEPING

Scale-up compliance with market-specific QFC regulations and answer questions related to cross-defaults and specified entities.

LIBOR

Identify linked instruments and their fall-back and transition processes across a myriad of diverse contracts to mitigate your prudential risks.

ISDAs

Automatically verify terms to speed up negotiations and ensure finalized drafts reflect the individual terms prior to signing.
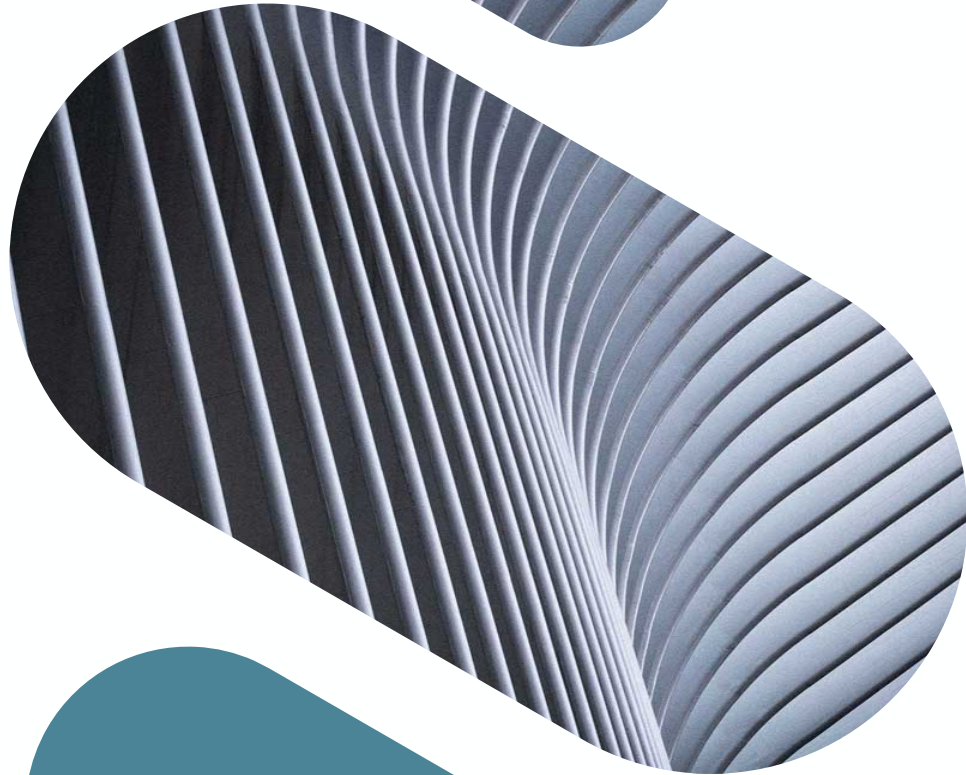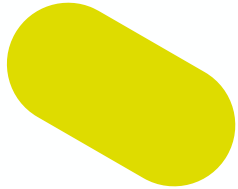
SOLVENCY II

Systematically verify that assets meet the portfolio-level criteria to qualify for Solvency II with minimal expert involvement.

CREDIT AGREEMENTS

Analyze and reconcile your back book of data across multiple systems to create a single source of truth for the entire loan lifecycle.

Thank you

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