# ANALYTICAL INTELLIGENCE

# MASTERING YOUR DATA

2023

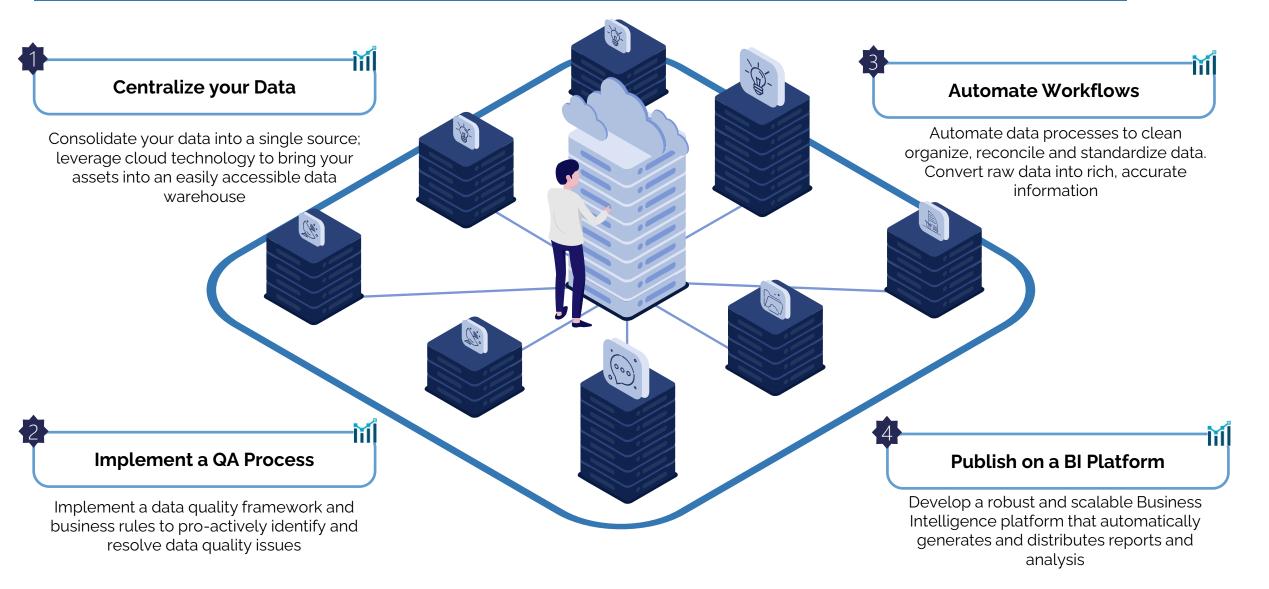


Most Innovative Technology



# **Equipped AI:** Four Fundamental Steps of Progress





# Equipped AI: Breathing Life In Data



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Report production and fundamental analysis is labor intensive, error prone, time consuming and scales negatively

Analysis is ad hoc, often incomplete, and inconsistence due to data gap and Quality Issues

Individual teams are responsible for data entry; frequent disagreements over accuracy of key metrics

Siloed data in disparate databases and excel sheets

Reports and analyses are accurate, real time and available on demand or scheduled through email sends via excel, power point and pdf

Analysis is straightforward, comprehensive and consistent; outputs are meaningful and produce actionable insights

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Data ingestion is fully automated, keyman dependencies are removed along with operational bottlenecks

Data is cleansed, reconciled, centralized and easily accessible making it ready for ingestion and analysis

#### Automation

# **Centralize:** Data Consolidation, Bottom Up

#### Standardize

- Define, cleanse and reconcile data to enable process automation
- Facilitate consistent, timely outputs and more meaningful analysis

#### Analyze

equipped

- Profile, explore and analyze the data to develop KPIs and propensity scoring
- Surface actionable insights to drive increased awareness and business results

#### Cleanse

- Audit data to understand completeness, sources, content and purpose
- Clean historical data and fix issues at the root cause

#### Centralize

- Connect disparate data sources via a purposebuilt data schema
- Feed data into an easily accessible, centralized database for analysis



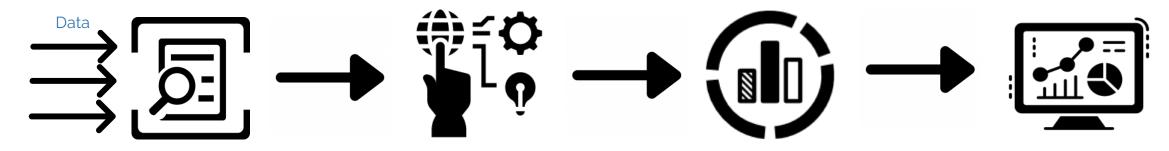
# Automate: Data Management at Scale

Seamlessly integrate disparate data sources and automatically pull data and upload files into the system without human intervention

Ingestion

Derive, track and report on key performance indicators, critical business metrics and propensity scores in real time

#### Calculation



#### Transformation

Convert raw data inputs to rich, clean, accurate outputs that can easily leveraged by reporting and analytical teams.

#### Publication

Generate insightful, visually stunning reports and analyses on demand or on schedule and automatically distribute to relevant stakeholders.



# Implement: A Quality Assurance Framework

#### **Rule Based Testing**

Create a rigorous rule-based testing regime that quickly identifies not only erroneous data but also inconsistencies in business logic

#### Machine Learning

Use machine learning algorithms and scoring techniques to identify outliers and material shifts in the structure and quality of data over time

#### **Data Remediation**

Identify root causes of bugs and irregularities and trace them back to data owners for permanent resolution.

#### Monitor Data Quality Metrics

Methodically quantify and report on data quality issues to get buy-in from business leaders and assess the impact of operational changes



#### First line of Defense

Interrogate data at ingestion to immediately identify gaps, errors and issues that can be rectified at the time of entry to avoid time consuming post facto reconciliation

#### Scoring Mechanism

Implement rigorous data scoring to create thresholds for monitoring, while also identifying outliers and deviations too subtle to be caught by rule-based testing alone

#### Issue Management

Approach issue identification and remediation systematically to ensure problems are resolved at root, once and

#### for all.

#### Stakeholder Management

Continuously measure data quality at all business levels and report to senior management to reenforce accountability and ownership



# Publish: A Robust, Scalable BI Platform

Your Data Anywhere, Anytime

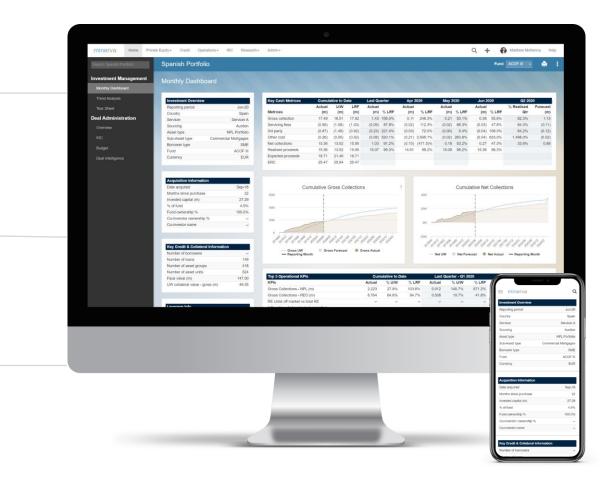
Leverage cloud-based SaaS services like Equipped AI's Minerva - to surface key information, operational intelligence and insights for real-time decision making

#### A Golden Data Source, Automated

Establish a single source of truth across the organization to enable consistent analysis, action-orientated operational intelligence, investment monitoring and reporting

#### Robust, Fit for Purpose & Scalable

Ensure automated and error-free data ingestion, cleansing and QA processes to provide not only interactive dashboards but also rich metrics ready to be processed by embedded reporting and analytics processes



# **Case Study**



#### Granular Credit End-to-End Data and Business Intelligence Platform

#### The Client

- European granular credit investor
- €3bn invested across 4 funds
- 85+ investments across 10+ European countries

#### The Challenge

- To build a robust scalable BI Platform
- Process granular data from multiple, disparate sources
- Produce accurate investment returns and analysis in a timely manner

#### The Approach

- Build a centralized database
- Automation to ingest, cleanse, standardize and reconcile data and derive KPIs
- Streamline reporting, interactive dashboards and embedded analytics

#### The Solution

- A centralized intelligence platform built on a foundation of intelligent, automated data processing
- Interactive intuitive dashboarding and report generation



#### Mastery of Data

- Data is fully captured, converted from raw data feeds into a standardized 'Golden' source
- Data quality issues are identified and resolved in a timely manner
- Data flows are automated

Focus on Value Add Activities

- Manual intervention has been minimised
- Key man dependencies removed
- Personnel are free to focus on deal origination and asset management activities

Results

#### Scalable Growth

- New investments and funds can be added to the system in a standardized way
- Headcount no longer grows with assets growth
- Clean, accurate data is available for in-depth analysis and reporting

# **Case Study**



#### Granular Credit End - End Data and Business Intelligence Platform

#### The Client

- An American investor active in Spanish nonperforming mortgage market
- €4bn in loans under management across a dozen portfolios

#### The Challenge

 Poor quality and inconsistent data feeds were impacting the firm's ability to track and monitor collection strategies, update forecasts and get a clear understanding of operational bottlenecks

#### The Approach

- Performing a full data audit, assessing data quality, accuracy and consistency over time
- Developing a QA framework to resolve and manage reporting and data issues

#### The Solution

- Implementation of a full end-toend data quality framework, rulebased assessments and scoring mechanism to quickly identify outliers and opportunities
- Clear, concise management processes to solve problems at the root cause



#### Improved Data Quality

- Identifying common data quality issues required only minor operational changes while vastly improved data quality
- Tracking and monitoring issues promoted ownership, accountability and significantly improved data awareness and engagement

#### Accurate Monitoring

 Clean, accurate and timely data allowed for more detailed strategy monitoring

Results

- Insight and trends analyses facilitated the identification and correction of performance deviations.
- Cost management enabled accurate ROI measurement on investments

#### Unique Operational Intelligence

- Clear data insights on performance facilitated the development of new decision-making tools and value-added collection strategies
- The development of a test-and-learn framework helped optimize performance and ROI.

# About Us

Formed in 2017, Equipped AI is a global analytical intelligence and software company that works with leading private equity, private credit and real estate investors.

We combine data science and technology to provide actionable insights into our clients' portfolios. Our state-of-the-art SaaS intelligence platform, Minerva, enables investors to collect, compile, analyse and better understand data to help them make important decisions and ultimately produce superior returns.



#### 2017

EQUIPPED AI ESTABLISHED TO SUPPORT ANACAP FINANCIAL PARTNERS' INTERNAL PE AND CREDIT FUNDS

#### 2019

TEAM GROWS TO MORE THAN 30 STAFF, PROVIDING FULL-SERVICE RESEARCH AND ANALYTICS

#### 2020

EQUIPPED SPLITS OUT FROM ANACAP TO FORM WHOLLY INDEPENDENT BUSINESS AND TO SUPPORT EXTERNAL CREDIT, PE AND REAL ESATE INVESTORS ACROSS EUROPE

#### 2021

TOTAL FACE VALUE OF ASSETS TRACKED EXCEEDS €21bn; HEADCOUNT SURPASSES 50 STAFF.

#### 2022

EQUIPPED SYSTEMS TRACKING MORE THAN 75,000 CLIENT ASSETS ACROSS 20+ COUNTRIES; HEADCOUNT SURPASSES 100 STAFF.



# Team | High calibre & experienced

Integrated London and India Analytics, Data, Product and Business Intelligence units



#### **Edward Green**

**CEO** Ed is responsible for Equipped's overall strategic direction. Prior to joining Equipped, Ed was a Partner at AnaCap FP, most recently as head of the firm's European Credit Platform. Previous to that role, Ed spent ten years as part of AnaCap's PE value creation team. Ed played a crucial role in developing the Minerva software technology platform as well as building out Equipped's managed services solution. He is a CFA Charterholder with over 18 years of investment and operational experience.



#### Douglas Trafelet

#### **Business Development Director**

Douglas heads Equipped's business development efforts. He has more than 20 years of sales and marketing experience in the financial services industry. Douglas has opened offices, gone to market and built commercial and research teams in Europe, the US and Asia. His previous roles within private markets include leadership positions at firms including PitchBook, Moonfare, Dealroom and Coleman Research Group.



#### Matthew McKenna Head of Minerva

Matthew is responsible for Equipped's software development and is the original creator of Minerva; building on years of R&D and experience at AnaCap Financial Partners. He has 15 years of Business Intelligence, Software Development and Product Management experience.



#### Atul Arora Managing Director

Atul crystallized the concept of Equipped as a standalone technology solutions business for the alternative investment industry. After joining the team in 2019, Atul leveraged two decades of experience to coherently define and integrate Equipped's software and services into Equipped's enterprisegrade platform offering. He is an alumnus of BITS (Pilani) and ISB (Hyderabad).



#### Stephen Connolly Managing Director

Stephen oversees Equipped's analytics and machine learning activities, with a keen focus on leveraging data to provide deep insights and operational intelligence. Stephen has over 15 years' experience in financial services, solving complex data, modelling and financial analysis problems across a wide variety of sectors.



#### Praveen Kumar Manager, Data Operations

Equipped's technical deliver manger with more than 15 years experience, including roles with Barclays, Cognizant and DXC Technology.

Equipped AI team focused on delivering standardized, scalable and automated services



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