



Unified Data Automation & Decision Intelligence Platform

Challenges in data-driven decision making

Multiple Data sources

Data in silos causing poor visibility. Need to build complex integrations to maximize data coverage across multiple sources

Data Quality & Governance

Lack of visibility, poor data quality, inconsistencies and error, and large files with no version control. Manual processes that are repetitive and error prone

Shortage of Skills

A huge-gap in data sciences and data analytics skills makes it difficult for a smooth turnaround to build a data driven culture

Extended Implementation Cycles

Lack of planning, building strong data foundation, and understanding the objectives leads to chaos and delays. Big-bang approaches run into months with little to show for effort

High-Cost of Implementation

Cost overruns and significant upfront investments. Multiple tools with different purposes stitched in. Measuring ROI on spend becomes difficult

Delay in time-to-insights

Manually wrestling data sources, information overload, lack of meaningful metrics resulting in losing out on actionable timely insights

Not one, but always a combination of these !

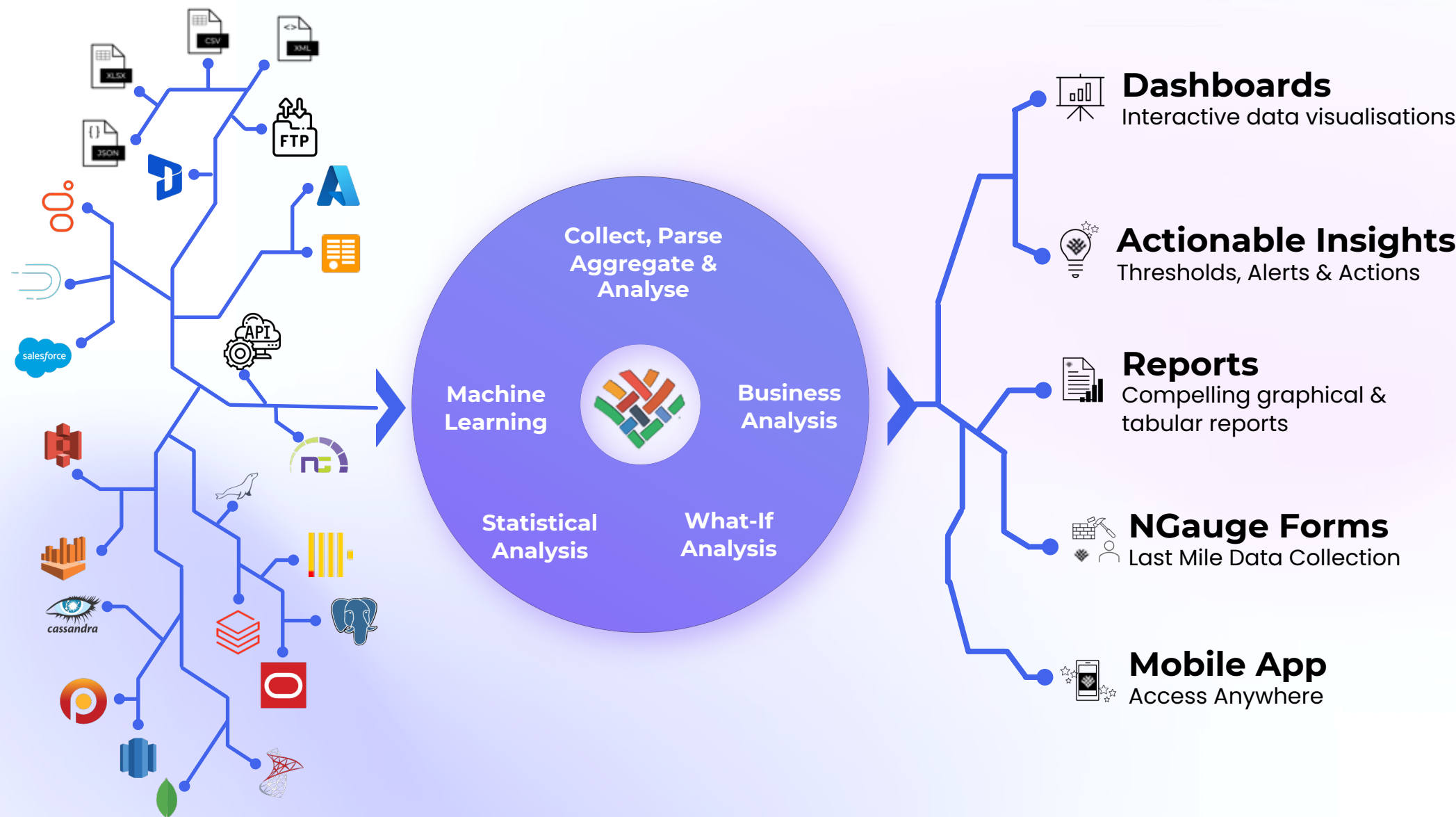
Capabilities needed to handle such challenges

CHALLENGES

Variety of sources	Handle multiple disparate data set- File based, XML/JSON, SQL Server, Oracle, 3rd party applications, Redshift and so on
High Velocity of Data flow	Manage real time data, timely availability of information Handling incoming data at different time periods and at scale
Veracity of data	Check for data quality, ability to define rules, exception handling Perform What-if Analysis, Transaction Matching & Reconciliation
Large Volume of Data	Handled Big data, piping large volumes of data, Building Datawarehouse & Datamarts
Access Anywhere	Accessible on the cloud, agnostic platform, on premise, private cloud. Access via Mobile app, interact with the data.
Actionable	Interactive Dashboard indicating next best action with Annotation, Targets and Threshold, Alert, scheduled reporting

CAPABILITIES

Infoveave Unified Data Automation & Decision Intelligence



Unified Data Platform

Insights

- Modern dashboards
- Actionable insights
- AI based features
- Realtime updates



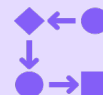
Analysis

- What If Analysis
- Multi Dimension Analysis
- Auto ML
- Data Mining
- Python & R Workbooks



Automation

- Data Integration
- Data Engineering
- Data Transformations
- RPAs
- Advanced scheduling & monitoring



Data Apps

- Dynamic forms for data collection
- Build data driven apps
- Manage master data
- Manage parameters for automation



Data Governance and Quality

- Role based access
- Information security
- Regulatory compliance
- Data Infrastructure
- Data Architecture



- Data Protection
- Data Freshness
- Data Uniqueness
- Data Validity
- Data Accuracy
- Data Completeness
- Data Retention



- Data Catalogues
- Source Control
- Data Volume
- Master Data
- Data Lineage
- Metadata
- Glossary



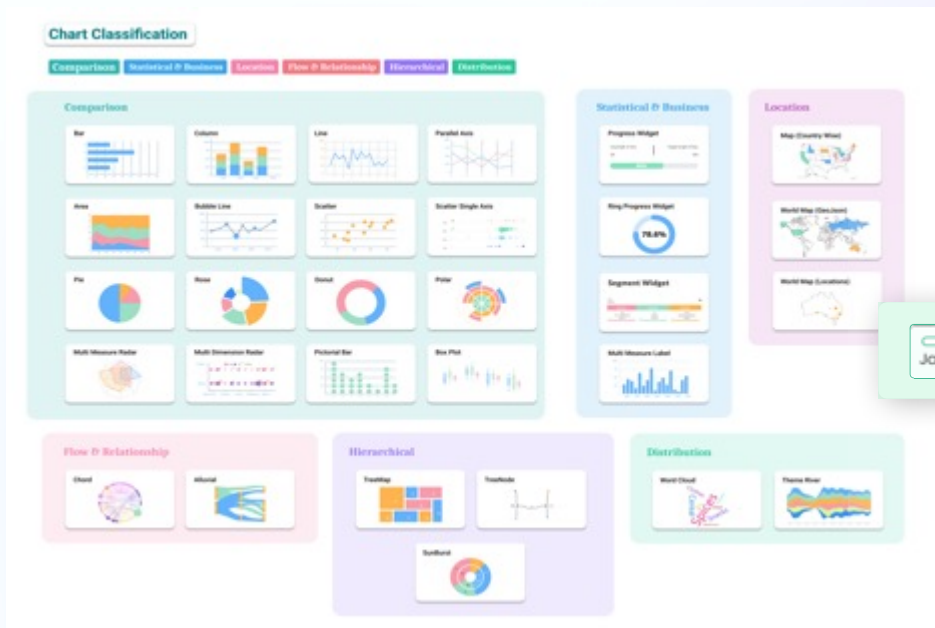
Analytics & automation in various business functions



Indicative use cases only

Insights – storytelling with data

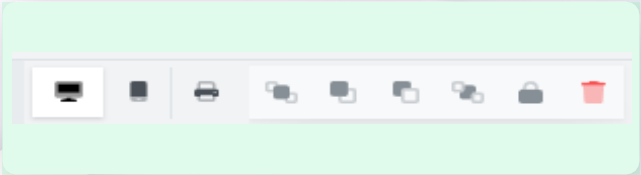
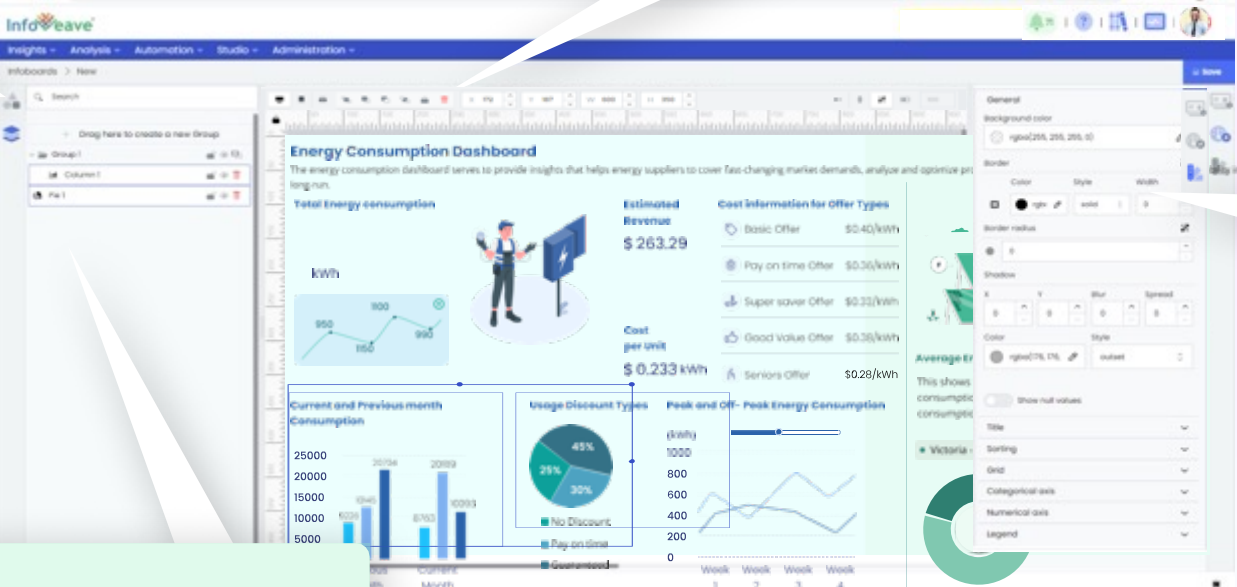
- **Interactive Designer Dashboards** with board expressions, bringing your dashboards to life. Conditionally show hide , animate, to highlight key problem areas.
- **Engage with your data** Stay informed with **customized alerts, notifications and annotations and collaborate and share** boards with stakeholders.
- **Automated reporting** with **dashboards embedded** on PowerPoint, Excel & TV Apps
- **Ready to use Design templates** with 50+ visualizations



Modern dashboard designer

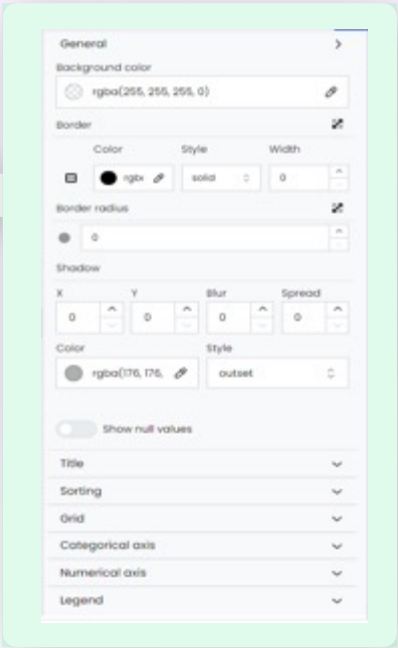
Drag and Drop

Bring your data to life with the seamless drag and drop functionality



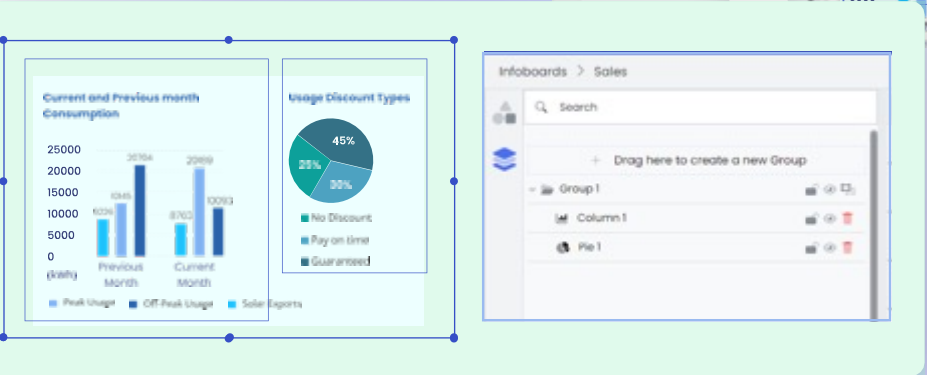
Widget Layering

Pixel perfect layering support



Widget Grouping

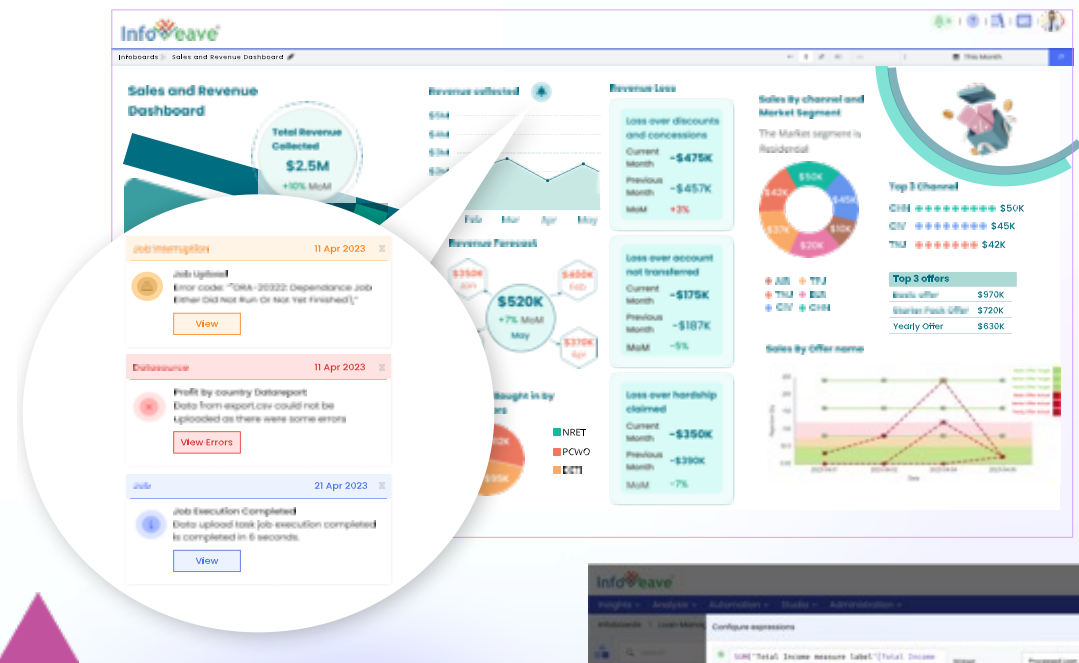
Take control of your data landscape with effortless precision



Widget Customization

Customize your widgets to match the theme

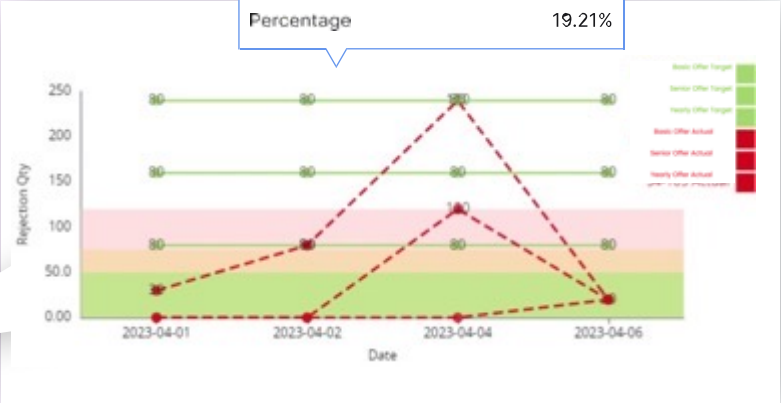
Actionable insights



Alerts and Notifications

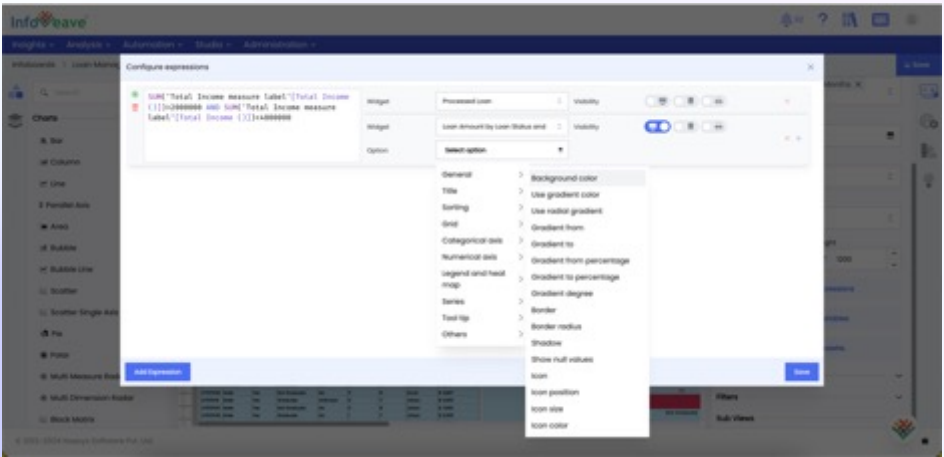
Stay informed, seize opportunities, and drive success with customized alerts, notifications and annotations

Date	May 2023
Offer	Basic Offer
Actual Order Revenue	\$700K
Target Order Revenue	\$850K
Difference	\$150K
Percentage	19.21%



DAX Expressions

Infoveave supports DAX expressions to bring your dashboards to life. Conditionally show hide , animate, to highlight key problem areas

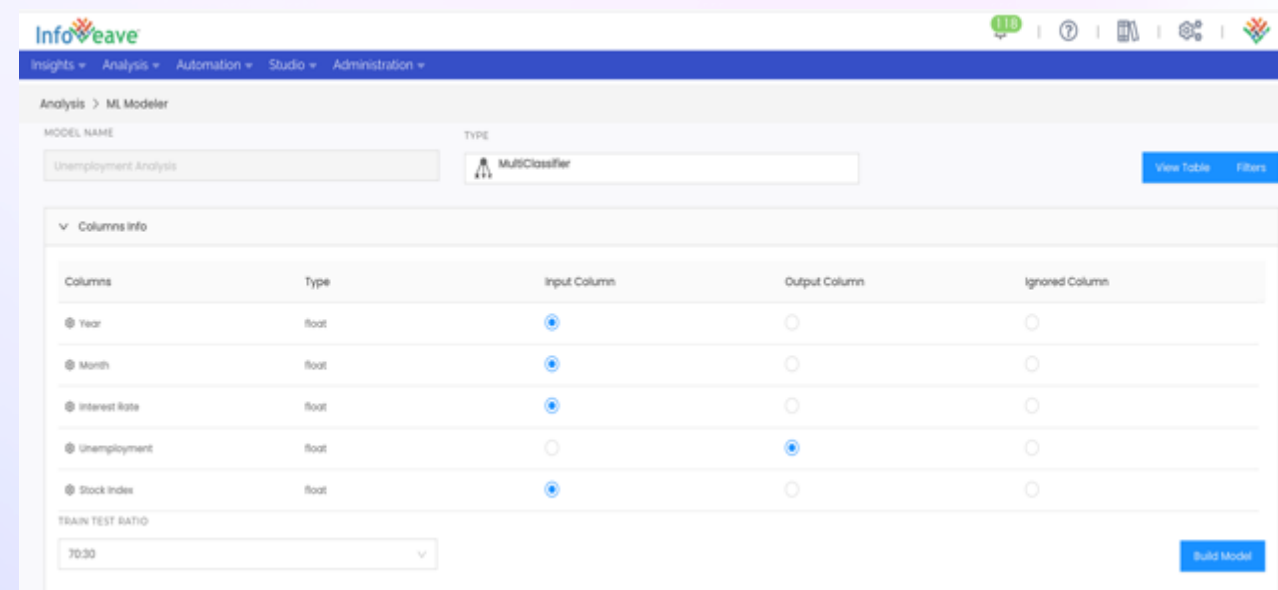
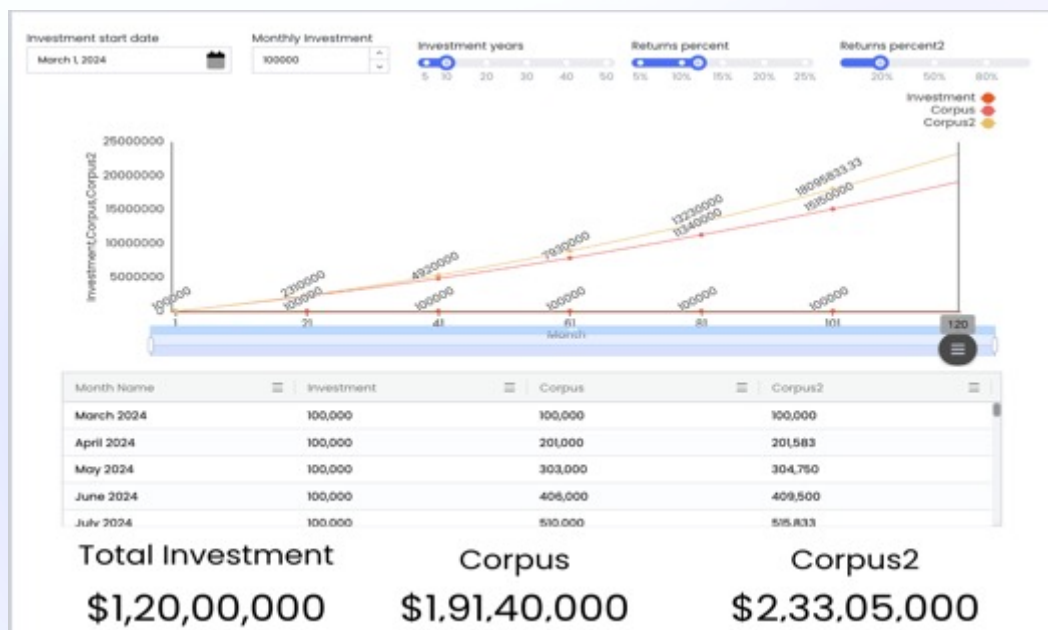
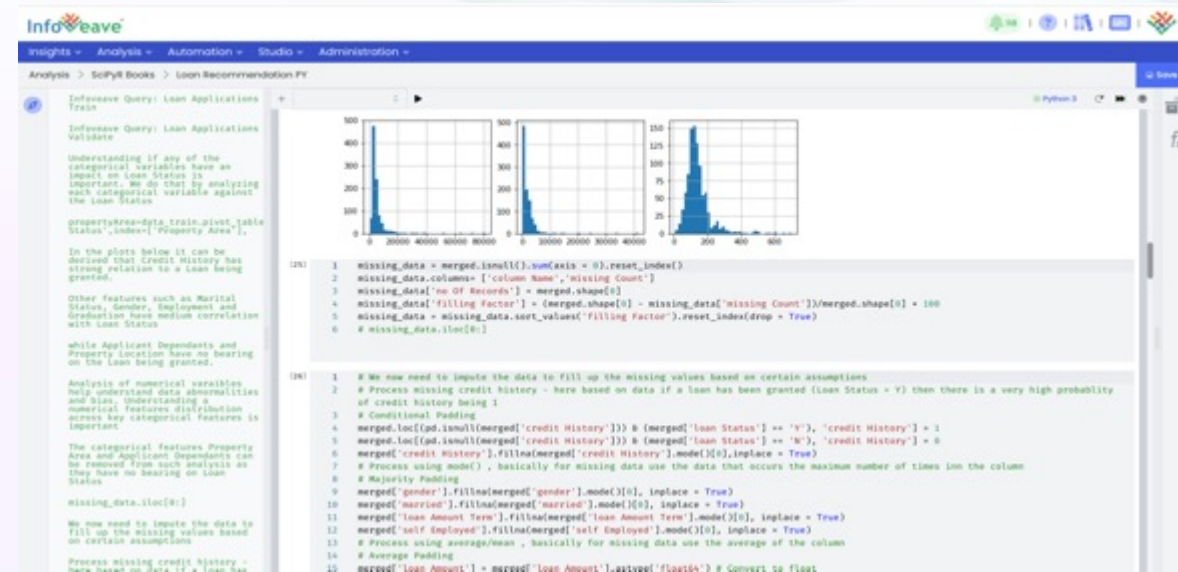


Targets and Thresholds

Set your sights on success with precise targets and thresholds for actionable insights. Get timely alerts that keep you informed and in control of your business

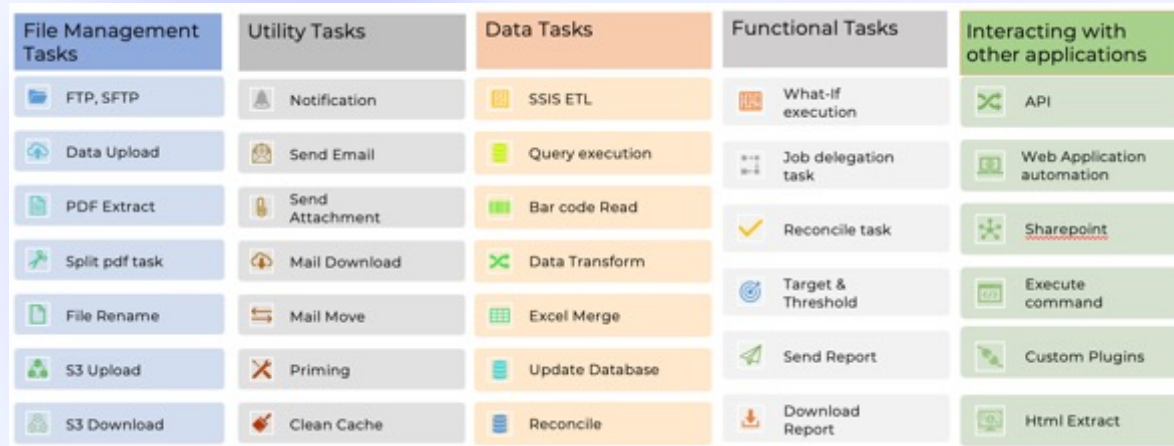
Analytics – driving decisions

- **What if Analysis, Scenario Modelling & Goal Seeking**
- AutoML model builder for Classification, Regression, and Time Series data
- Write your **own models, algorithms and transformations** using **Python** code – all your SQL data available as data frames
- Add your analysis to your **automation flow** as components to enhance your decision-making process or expose as a secure APIs



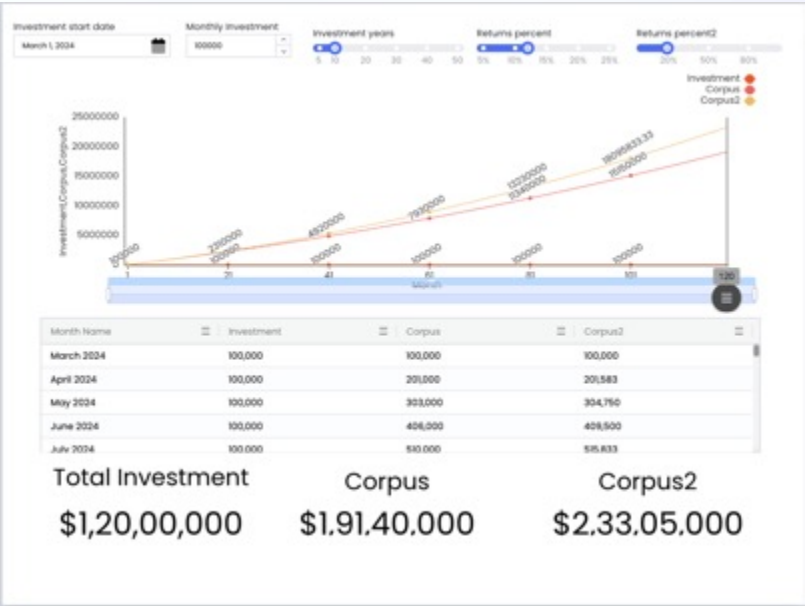
Automation – Driving efficiency and consistency

- Create **data engineering pipelines** for data transformations, merging, splitting and transfer.
- **Schedule and monitor** them in real time
- **Business process automation** to drive business workflows
- **Comprehensive library** of configurable tasks for data acquisition, transformation, integration and analysis
- Trigger **pipe-lines via API** calls from upstream systems and sending to downstream applications.
- Intuitive **alerts on delays** or volume of data processed



Data Apps – Intelligent data driven applications

- Drag drop form builder for last mile data collection
- Write back to manage master datasets and lists
- Control parameters in workflows and triggers
- Real time updates to dashboards
- Form components integration with dashboards
- Embeddable in 3rd party applications
- API based bulk upload
- Low code no code

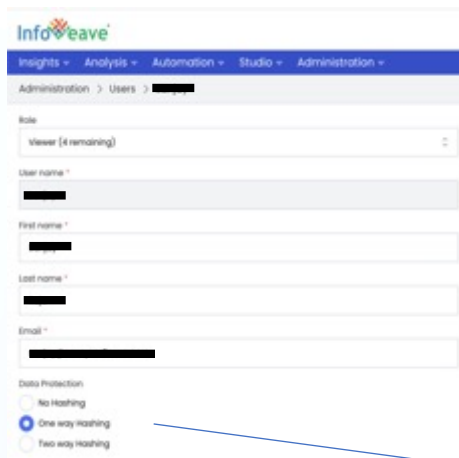
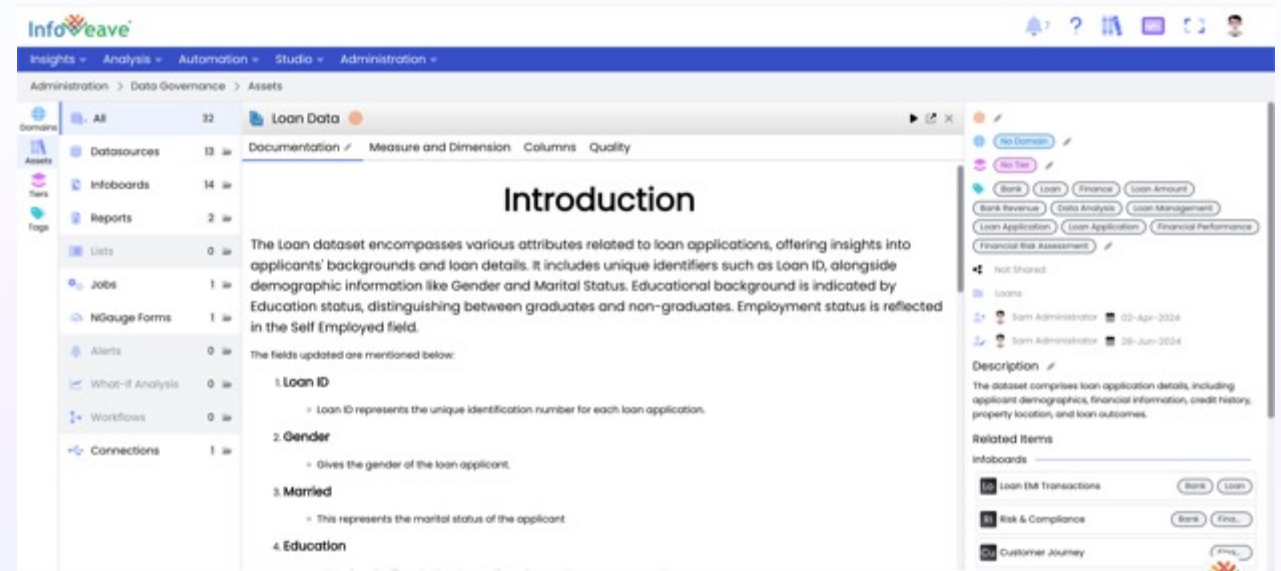


The screenshot shows the N Gauge Forms application interface for production data entry. The left sidebar contains navigation options: Production, Downtime Loss Hours, FTT, Production Plan, Line Info Value, Master, Product Group, Line Name, Model Hierarchy, FTT Defect Reason, Downtime Reason, Shift, Time, Factory Administrator, and Logout. The main form area includes fields for Date (2024-01-16), Product group, Line name, Model, Shift slot, Time slot, Data Entered by, Good part qty, Rework qty, Rejection qty, Available time, Total downtime, Avg manpower, Serial from, Serial to, Serial remark, Production Status, Produced Qty, Total Actual Credit Time, Avg Performance, and Uptime. A calendar widget is visible for date selection.

The screenshot shows the Acme Bank Loan Application (FY24) form. The form is divided into sections: Applicant Information, Financial Information, and Loan Details. The Applicant Information section includes fields for Loan ID, Gender, Married, Your Education, and Self Employed. The Financial Information section includes fields for Purpose of Loan, Loan Amount Required, Duration (in Months), Property Area, State, and Branch. The Loan Details section includes fields for Your Income, Dependents, Your Co-Applicant's Income, and Credit History.

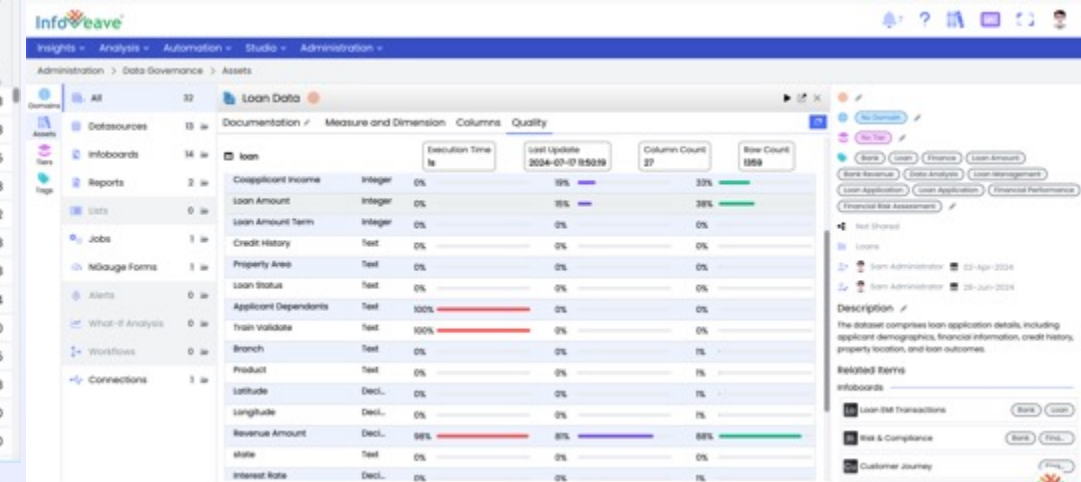
Data Governance – enabling data integrity and democratization

- Catalog of all assets created in Infoveave
- Intelligent search enabled
- Data Quality (8 dimensions check)
- Custom data quality tests with alerts and notifications
- Data obfuscation at column and user level



Loan id	Gender	Product	Interest Rate	Branch	Amount	Repayment Amount
1005137222089020802	Male	Home Loan	3.25	Brooklyn	\$2,27,000	\$248,133
10075089528362131864	Male	Vehicle Loan	4.00	Queens	\$28,800	\$33,408
10057949325432420	Male	Credit Card	19.5	Queens	\$6,090	\$8,465
104548811720783995	Male	Vehicle Loan	4.00	New York	\$33,900	\$37,968
102888956523858979	Male	Credit Card	19.5	Brooklyn	\$4,850	\$6,742
10223195381899023633	Female	Commercial Prop	5.25	Brooklyn	\$13,57,000	\$15,70,728
1023131561709776265	Male	Personal Loan	12.5	Queens	\$5,700	\$7,838
1024356122378424721	Male	Credit Card	19.5	Brooklyn	\$5,150	\$6,154
103312969717583434	Female	Home Loan	3.25	Dallas	\$2,63,000	\$297,190
10347904172398197324	Male	Commercial Prop	5.25	New York	\$13,63,000	\$15,06,115
10403425188454895989	Male	Vehicle Loan	4.00	Brooklyn	\$28,900	\$32,388
10426445315187050018	Female	Capital Expendit	7.50	Queens	\$52,000	\$63,700
1043243686849266441	Male	Credit Card	19.5	Houston	\$4,940	\$7,830

Obfuscated column
(Loan ID)



Success stories

RESPONDING FASTER TO MARKET DYNAMICS

Leading Automotive player in India

Pricing simulation goal seeking for all models & variants & publish new prices across 200+ dealers on the fly.

- ✓ **Improved time to market**
- ✓ **Deeper Insights** on price changes
- ✓ **Increased coverage** across States
- ✓ Competitor **Market intelligence**
- ✓ **Seamless** communication

50+
Models &
Variants

40+
Pricing
Variables

80%
Improved
Productivity

SALES FORECASTING & PLANNING

Leading Japanese Electronics Component Manufacturer

Sales forecasting and planning for B2B customers based on Just-in-time inventory

- ✓ **Real time information** into sales and production plans
- ✓ **Increased efficiency** of sales team in booking new orders
- ✓ **Reduced wait time** on orders
- ✓ **Improved customer relations** with better visibility

500+
Products

\$142M+
Planning
Visibility

20%
Saving with
JIT

CUSTOMER CHURN ANALYSIS

Telecom service MNC

Management insights on a growing customer base with big data analysis of network usage

- ✓ **Customer & network** behaviour
- ✓ **Reduced** customer churn rate
- ✓ **Reduced call center** costs
- ✓ **Better** visibility to stakeholders
- ✓ **On-time** reports to govt agencies

18M+
Transactions

1000+
Hotspots

20%
Increase
Customer base

Success stories

BEST PRICING OFFER ANALYSIS

Australian Energy Retailer

Automated processing of invoices based on usage, jurisdictions, rates to arrive at best offer.

- ✓ **Better** financial control
- ✓ **Reduce launch time** by over 50%
- ✓ **Reduced call center** costs
- ✓ **Improved** governance
- ✓ **Enhanced** integration

700K+ Customers
\$0.5M+ Cost Savings
6 Weeks Go Live to meet Compliance

RPA FOR APPLYING DISCOUNTS

Australian Energy Retailer

Bot verifies on-time payments & posting discounts on billing system seamlessly yet non-intrusive.

- ✓ **Increased efficiency**
- ✓ **Better employee satisfaction**
- ✓ **Reduced** inbound calls & queries
- ✓ **Cost Savings** in support fees.
- ✓ **Improved customer service**

700K+ Customers
\$0.3M+ Cost Savings
70% Improved Productivity

RPA FOR PAYMENTS RECONCILIATION

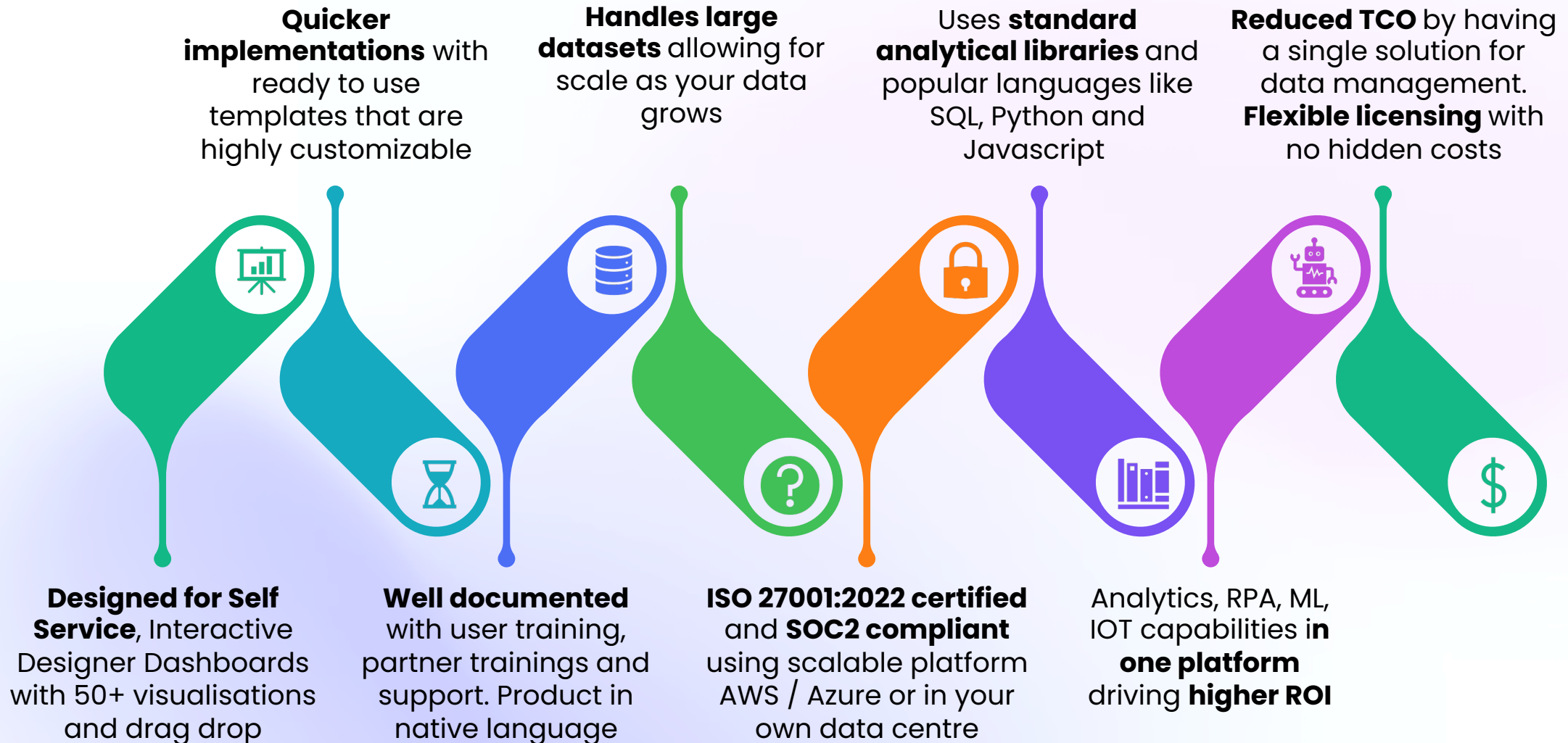
Australian Energy Retailer

Automated reconciliation of customer invoices against bank transactions

- ✓ **Reduced manual** interventions
- ✓ **Clear visibility** on unpaid invoices
- ✓ **Reduced** costs at call center
- ✓ **Better** financial control
- ✓ **Focus** on high priority accounts

700K+ Customers
\$0.4M+ Cost Savings
2 Days TAT Reduced from 2 weeks

Infoveave Benefits



Enterprises trust their data with us



StanleyBlack&Decker



Thank you



- hello@infoveave.com

- www.infoveave.com