



At resolve, we solve data

Transforming Your Business Using Data-Driven Decisions



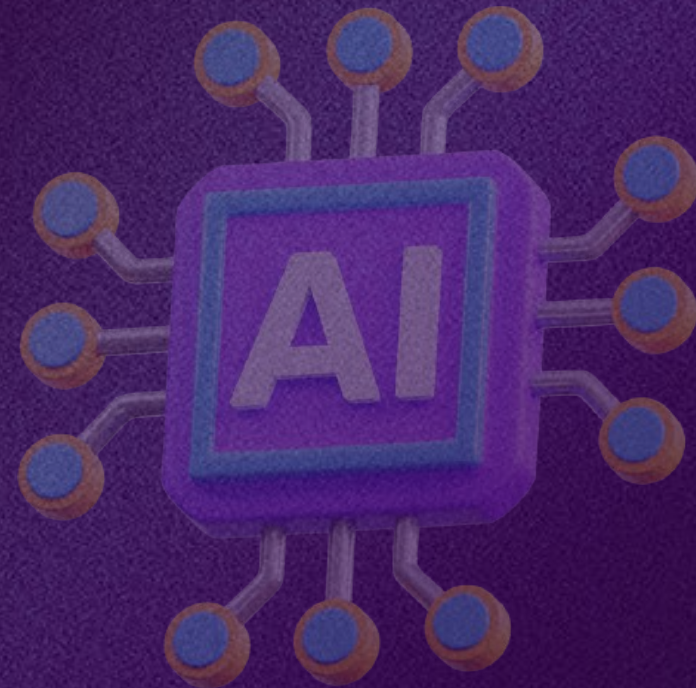
About Us

- Founded in 2015, resolve Computing Services Co. Ltd. (**resolve**) is a niche data solutions company with a deep focus on **data analytics and the application of AI/ML technologies.**
- Our expertise is rooted in our use of the **Sisense Fusion** platform to deliver comprehensive data solutions that drive decision-making and innovation.
- **resolve** has a proven track record in providing professional / advisory services in BI, data solutions, and managing digital transformation initiatives.



Our vision

resolve will become a leading data analytics solution provider based out of Vietnam within the next five years. We are committed to achieving this through continuous innovation, dedication to customer success, and the relentless pursuit of excellence in the data solutions domain. At resolve, we solve data—it's at the heart of everything we do.



Our team



Our team is made up of enthusiastic, young, talented, and skilled individuals from different backgrounds who share a common goal. We have a lot of experience and hold qualifications in areas like AWS Cloud Architecture, Cybersecurity, Management, Law, Mathematics, and Computer Science. The team is trained in implementing Sisense. Our team knows to work hard and play hard and mature enough to deliver a quality solution.



Our Services



Embedded Analytics

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We assist our customers in seamlessly integrating and embedding analytics capabilities into their products. By doing so, we enable them to provide powerful and insightful data analysis directly within their offerings, enhancing value for their users.



Data Analytics

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We support our customers construct comprehensive end-to-end analytics frameworks using the Sisense Fusion platform. By leveraging this platform, we empower organizations to harness the full potential of their data, transforming it into actionable insights that drive informed decision-making and business growth.



Data-Driven Transformation

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We specialize in supporting customers in automating their business processes while incorporating data-driven analytics. Through our services, we enable organizations to streamline operations, optimize efficiency, and unlock the power of data to uncover valuable insights and propel their transformation journey.

Capability & Achievement

With regards to projects, we have wide range of experience implementing global data warehouse, datamarts, BI reporting and analytics, data integration and business applications (both custom and packaged - CRM, ERP, enterprise AV communication). Providing consulting services for bank digital transformation initiatives such as data driven credit decisioning and digitization of banking services including selection of business applications like BI platforms, card systems etc.

Built a robust data infrastructure accompanied by an operational and data governance framework for Standard Chartered Bank.



Developed an enterprise-wide data-driven infrastructure for Standard Chartered Bank, enabling global data collection.



Provided consultancy for digital projects leveraging data-driven insights to support credit decision-making for Techcombank and Sacombank.



Outlined a strategic plan to establish a Business Intelligence unit focused on data-driven decision-making for VPBank.



Digitized sales processes by implementing open-source CRM across direct and indirect channels.



Transformed back-office operations to enhance internal controls and optimize cost management.



Why should Businesses Adopt Data-Driven Decision Making



✓ Enhanced Decision Accuracy

Objective Decisions: Minimizes bias by basing decisions on data, increasing accuracy.

✓ Improved Responsiveness to Market Conditions

Agility and Competitiveness: Enables quick adaptation to market shifts and competitive dynamics.

✓ Increased Operational Efficiency

Streamlined Processes: Identifies inefficiencies, optimizes operations, and reduces costs.

✓ Risk Management

Predictive Insights: Forecasts and mitigates potential risks, enhancing proactive strategy and security.

✓ Enhanced Customer Insight

Personalized Experiences: Leverages detailed data analysis to understand customer preferences and behaviors, enabling tailored services and products.

Key factors to look for in an advanced analytics tool

✔ Data Integration Capabilities

Seamless Connectivity: Ensures the tool can integrate with various data sources and systems effortlessly.

✔ Analytical Power

Robust Analytics: Provides advanced analytics, including predictive modeling and machine learning, to derive deep insights.

✔ User Accessibility

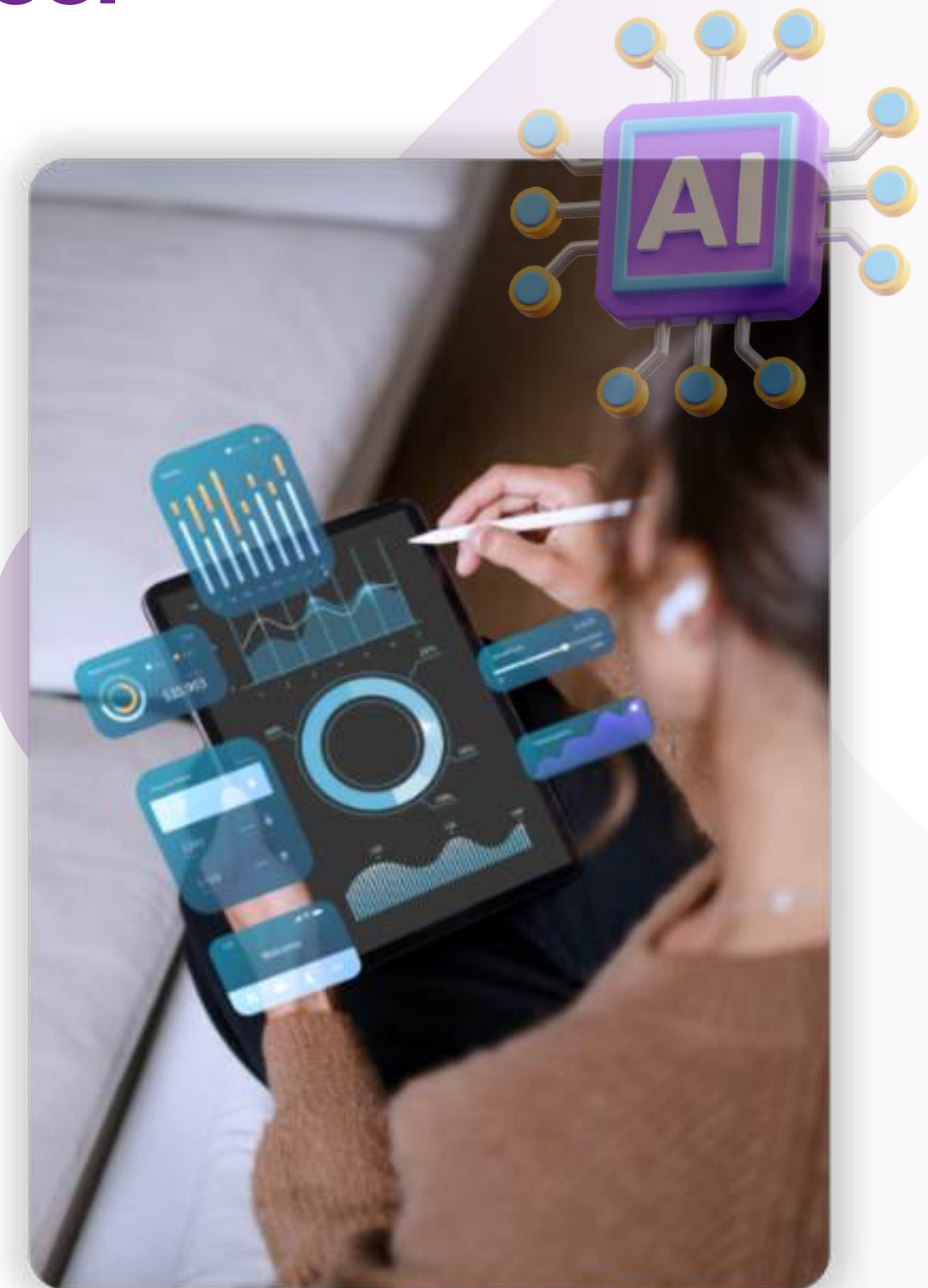
Ease of Use: Features an intuitive interface that is accessible to users of all skill levels, facilitating broader adoption.

✔ Scalability

Growth Support: Capable of handling increasing data volumes and complexity as the business grows.

✔ Security & Compliance

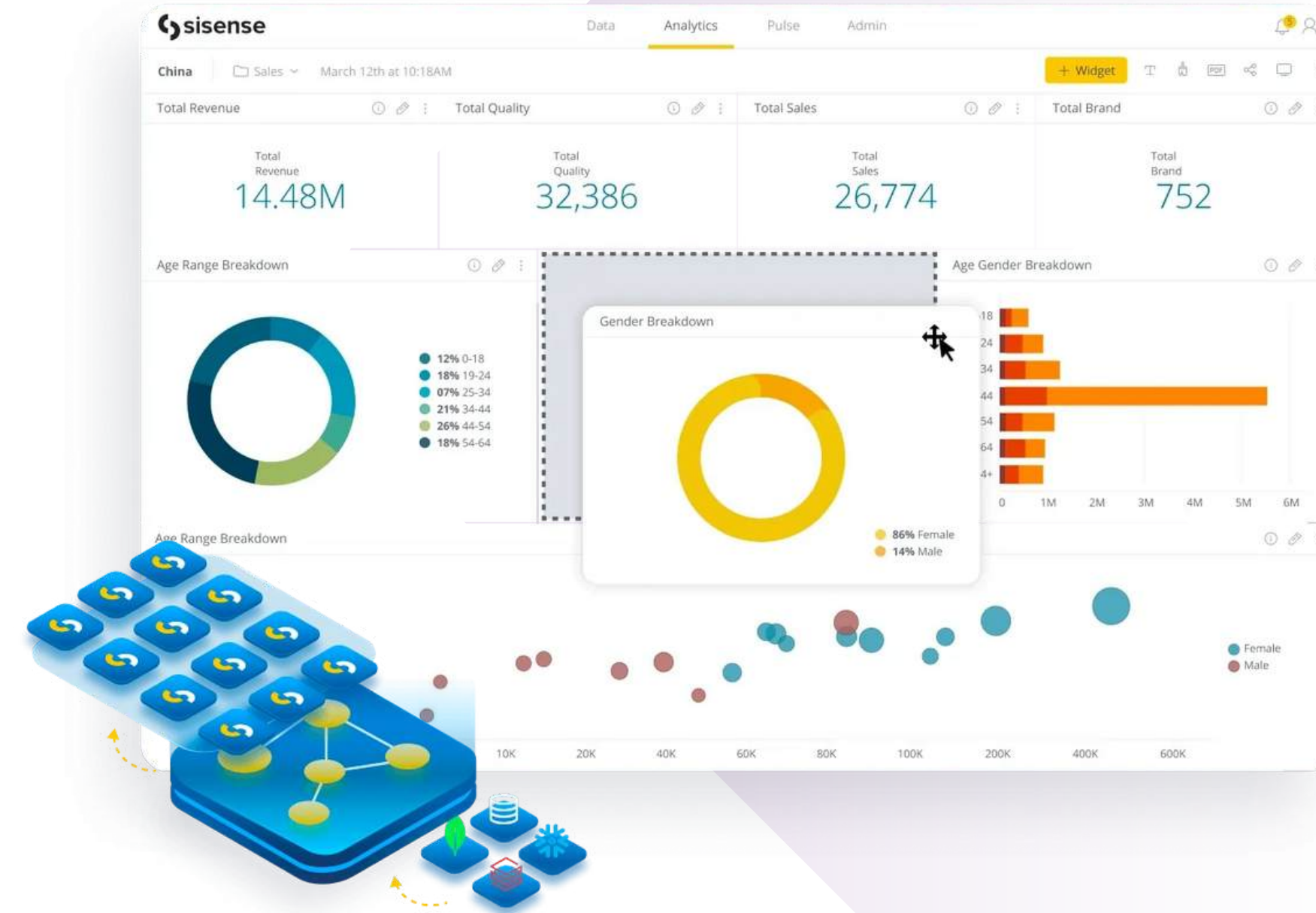
Data Protection: Adheres to relevant data privacy laws and regulations, ensuring data is securely managed and processed.



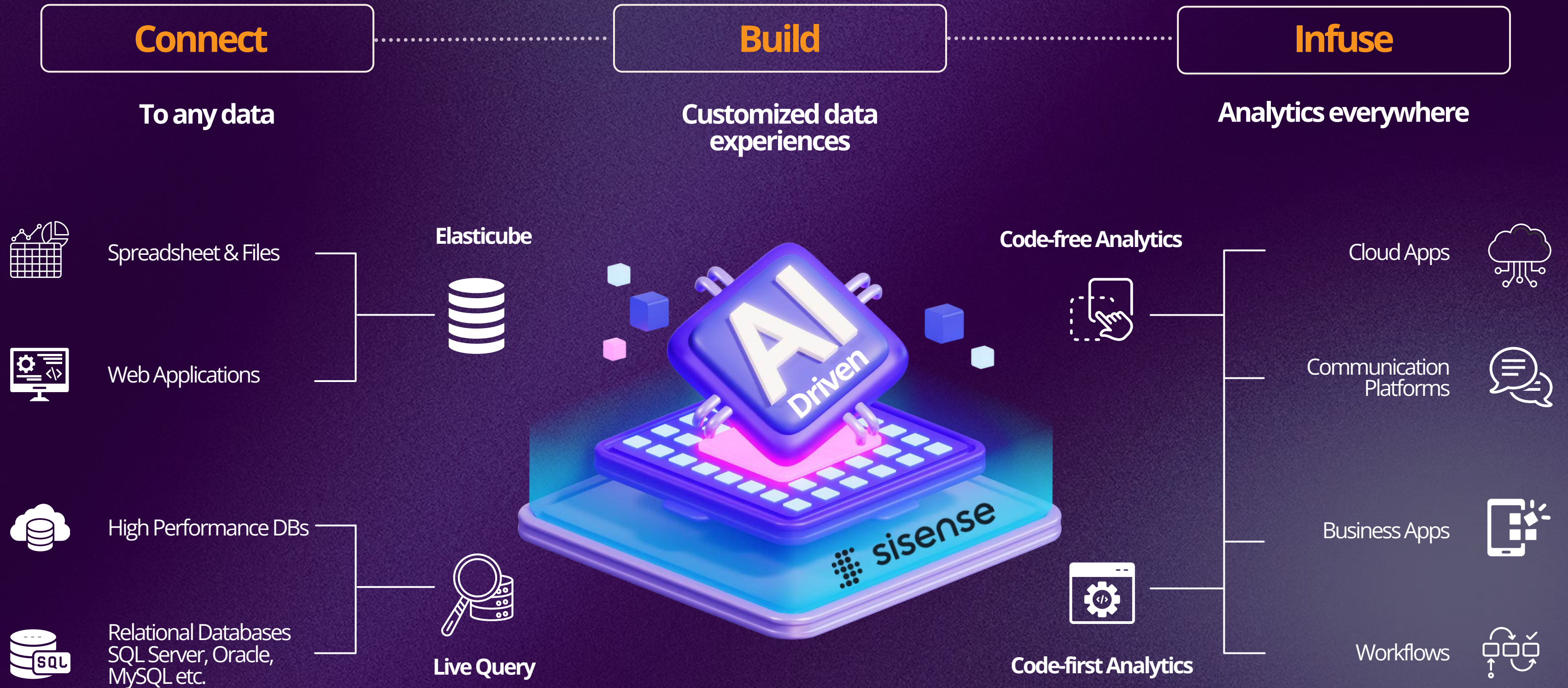
About sisense



- Founded in 2004, Sisense is a leading provider of advanced analytics platform with AI/ML capabilities.
- Embedded analytics is its flagship offering which allows analytics to be infused anywhere and can be white-labeled within any software product.
- **resolve** is the partner of Sisense to market its software and services to all organizations in Vietnam and Cambodia.



Sisense - AI-driven End-to-End Analytics



[About Sisense](#)

Sisense Fusion Analytics Platform - Components

The Sisense Fusion Analytics Platform enables clients to draw data from multiple sources to generate AI/ML-enriched analytics and insights that can be embedded into any application. Whether using our no/low code application or our flexible, code-first tools with SDKs and APIs, analytics blend seamlessly into the product UI and the CI/CD pipeline. End users can visualize AI/ML-augmented analytics with charts and graphs, or explore the data through NLQ-interpreted questions and NLG/GenAI-created answers.

Integrate customized analytics into your applications and products with **Sisense Fusion Embed**. Share intuitive insights allowing users to make confident, data-informed decisions. Boost product engagement and adoption, and customer acquisition and retention with the competitive advantage of our **AI-driven, low/no code, embedded analytics** application. Accelerate time to market. Build scalable native applications. Enhance analytics experiences for your customers



Fusion Embed

Embed analytics in a code-first, scalable, modular way with Sisense Compose SDK, our flexible developer toolkit. Build analytics and insight-driven experiences into your products faster, reduce maintenance burden, and save development time over coding from scratch.



Compose SDK

Ditch the installation, upgrades and maintenance that come with on-premises servers. Leverage the power of the cloud to accelerate analytics and stay up-to-date with our cloud-native and cloud-agnostic analytics platform.



Cloud

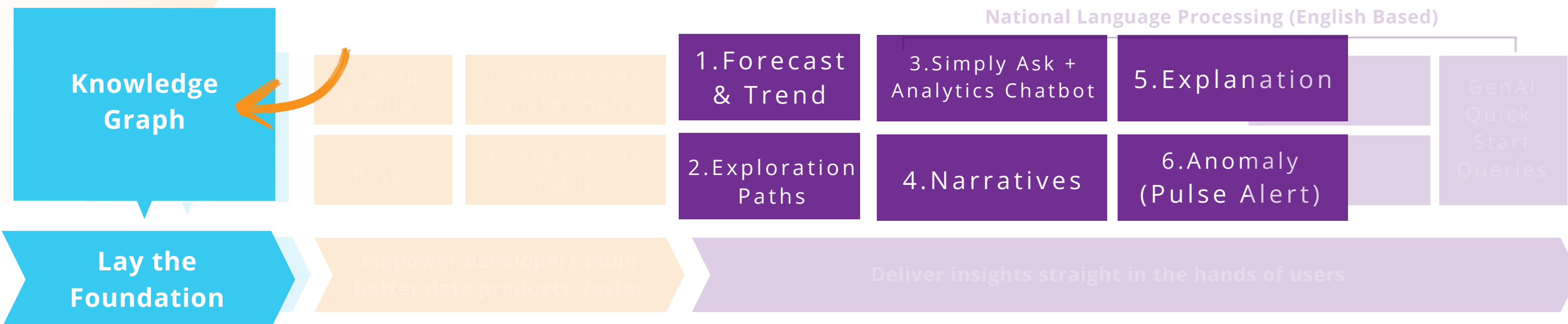
Sisense Knowledge Graph - Laying the foundation

Artificial Intelligence (AI) and Machine Learning (ML) has revolutionized the field of analytics, how data is processed, analyzed, and leveraged to drive business outcomes.

Sisense Fusion incorporates an **AI Knowledge Graph** at its core. AI knowledge graphs are a critical foundation for advanced business intelligence

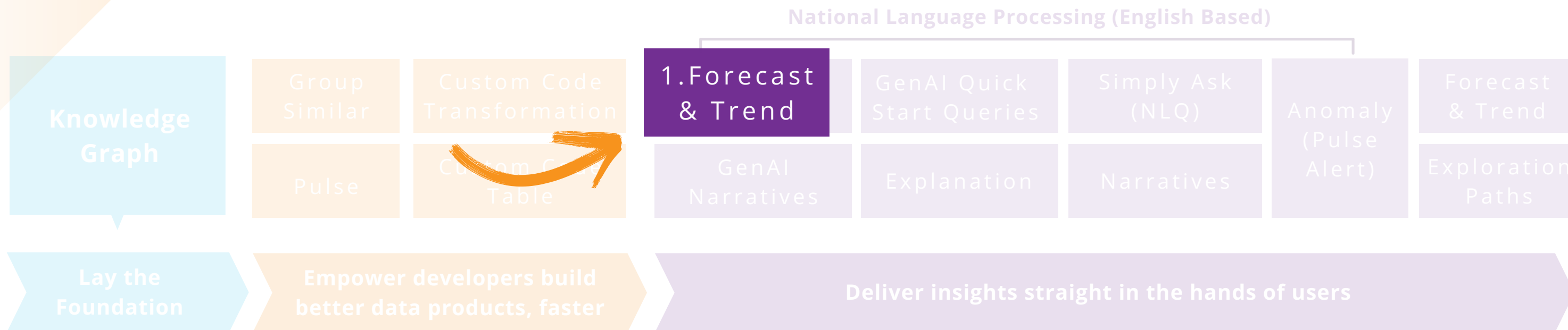
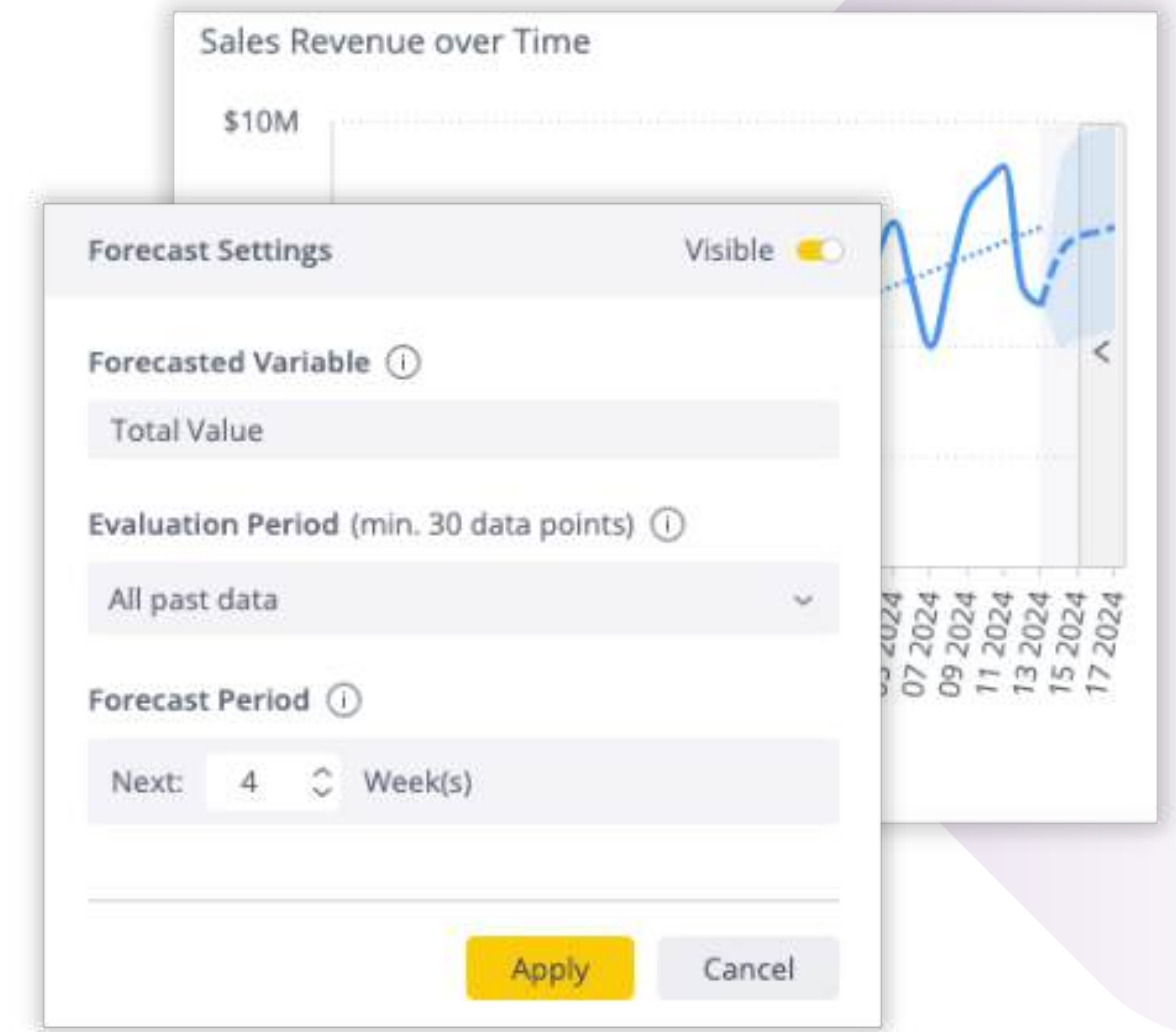
Sisense **Knowledge Graph (KG)** captures a user's analytic inquiries and their usage, to understand what users are asking and what they find interesting.

KG “studies” the associations between all entities on the system (users, data, models, widgets, formulas, clicks, filters, and more) to assemble the collective wisdom of the organization, leading to more “human” and context-aware outcomes from AI engine. This jumpstarts the delivery of relevant, powerful, and context-based insights.



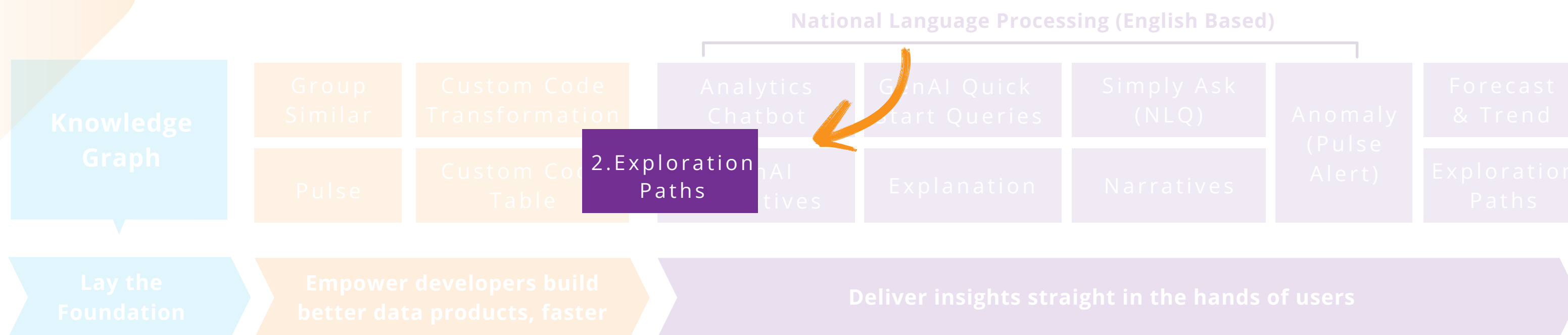
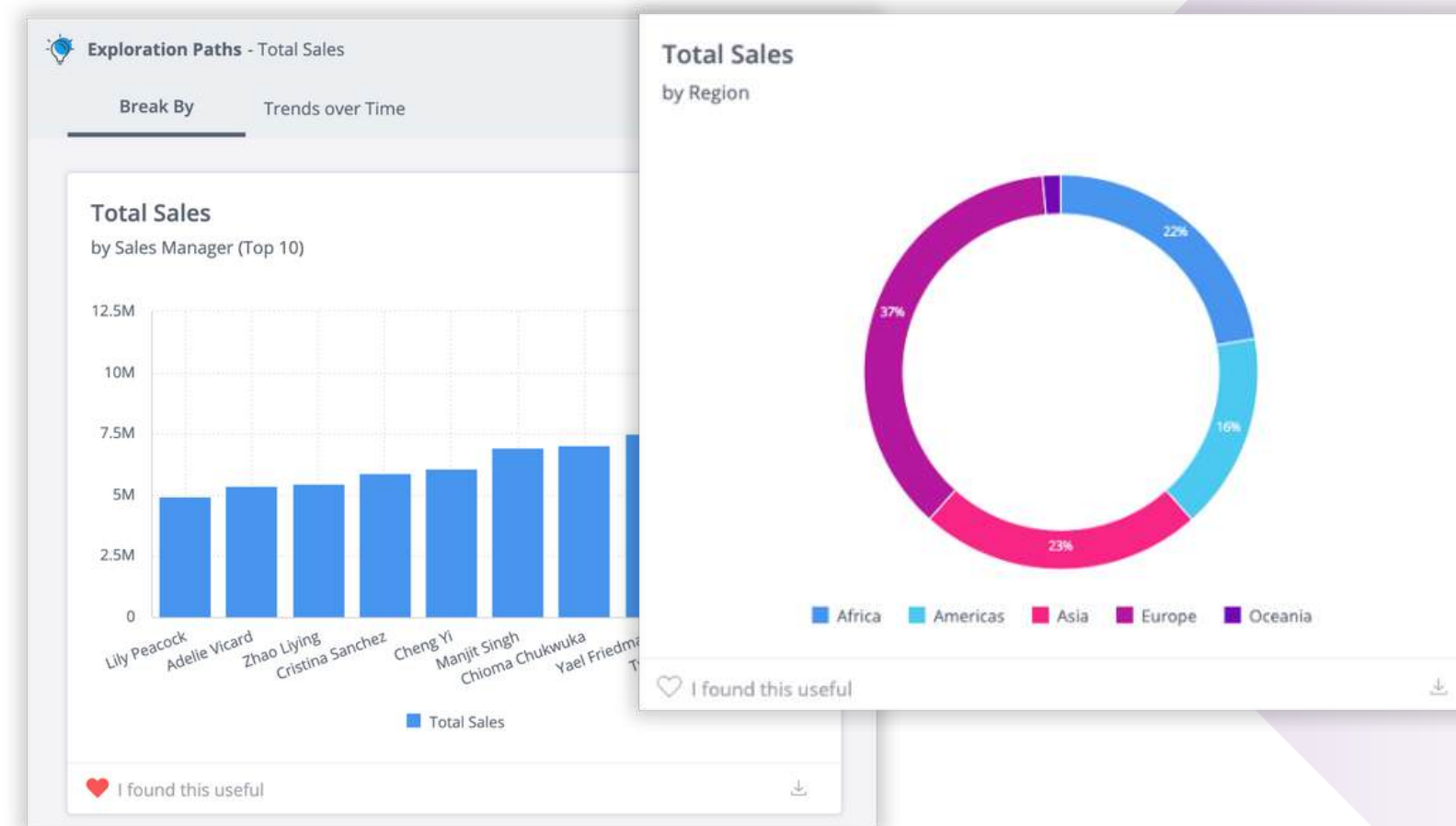
Sisense Forecasting - Predicting the future & AI Trends

- Sisense Forecasts predictive movements in the future and AI trends show what happened in the past.
- Some applications of the above
 - Forecast demand patterns
 - Identify customers most likely to churn
 - Estimate future sales based on past data, customer behavior, and market trends
 - Forecast future cash flows based on historical data, market trends etc.
- Sisense Fusion has the following built-in models: Auto Arima, Prophet, Random Forest, Holt-Winters, Boost Spline, Ranger (Random Forest), XGBoost, CatBoost and ElasticNet.



Sisense Exploration - Understand Relationships

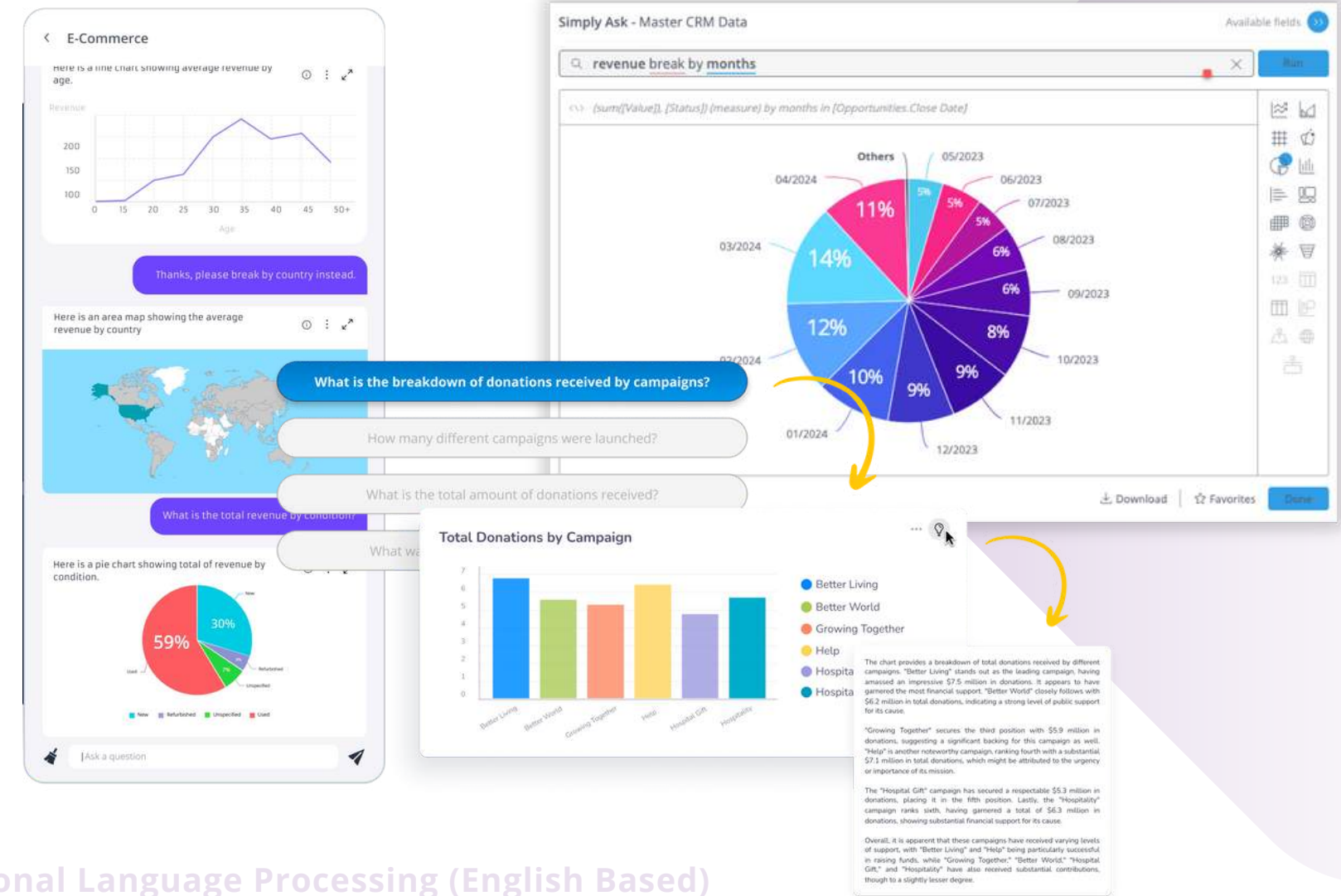
- Using Pointwise Mutual Information based algorithm, Sisense's Exploration Paths automatically generates visualizations that explore relationships relating to user KPIs by automatically identify associations in the data model.
- The visualization can be any number of chart types containing a break-by analysis of the KPI of interest, sliced by a number of correlated dimension fields.



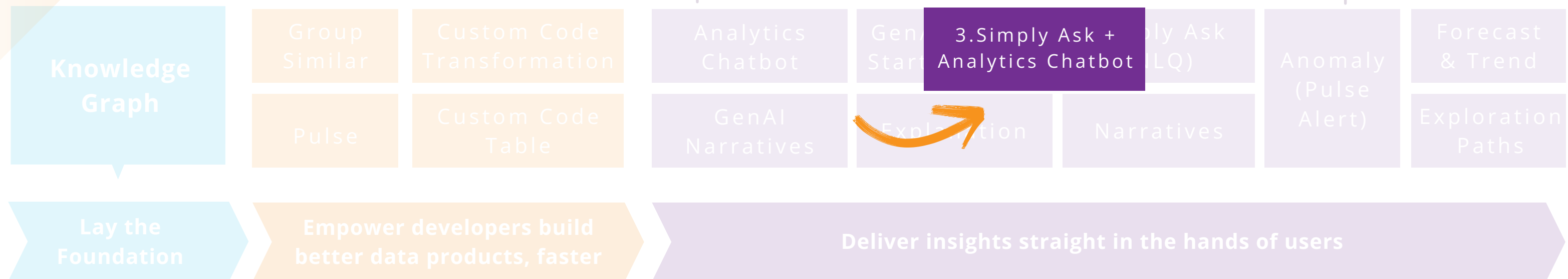
NLQ & Analytics Chatbot - Ask Questions in Natural Language

“Simply Ask”, feature users to ask sophisticated questions in an easy way with natural language, and Sisense’s powerful NLQ comes into play.

Analytics Chatbot will make it simple for your users to ask questions around the data model, such as fields and metrics they can query, ask analytics questions, get visual answers, or generate detailed narratives for data storytelling based on results.

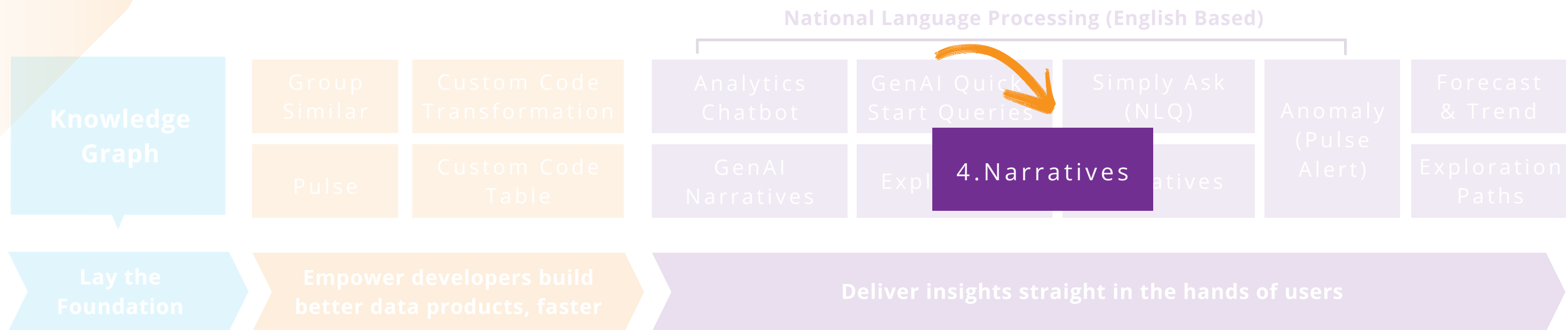
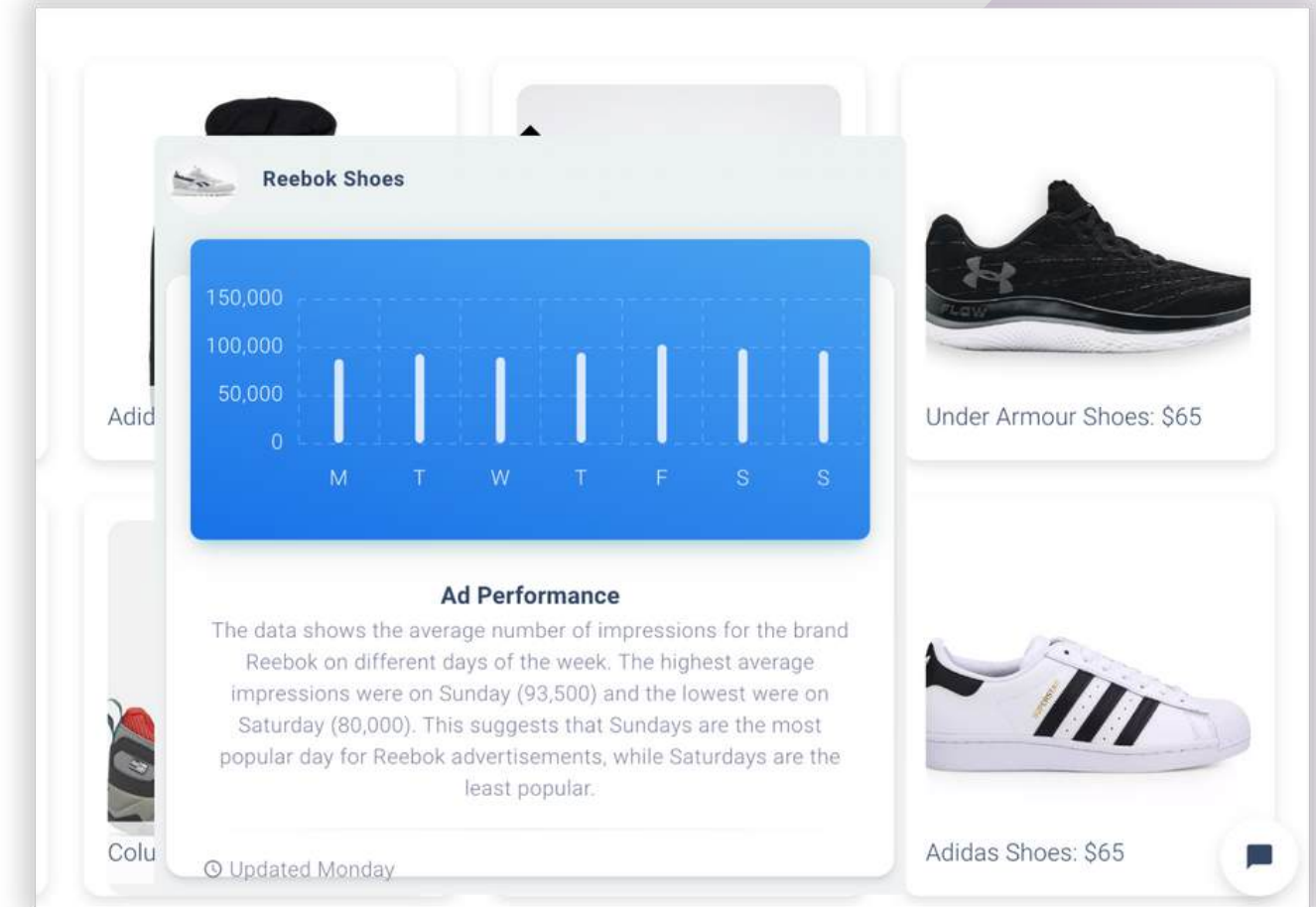


National Language Processing (English Based)



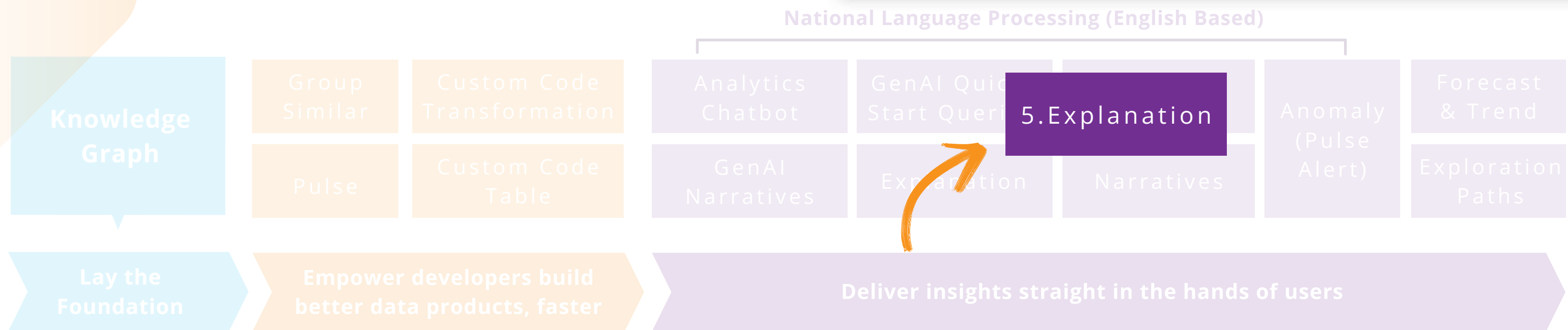
Sisense Narratives - Answers in Natural Language

- Sisense Narratives automatically create text-based insights that describe the most important points in a visualization.
- Sisense enables dashboard designers to tailor various aspects of the generated narrative through a menu interface i.e. per-widget level, the sentiment (“up is good” vs “down is good”), the terminology used within the text and the structure (paragraph vs bullet).



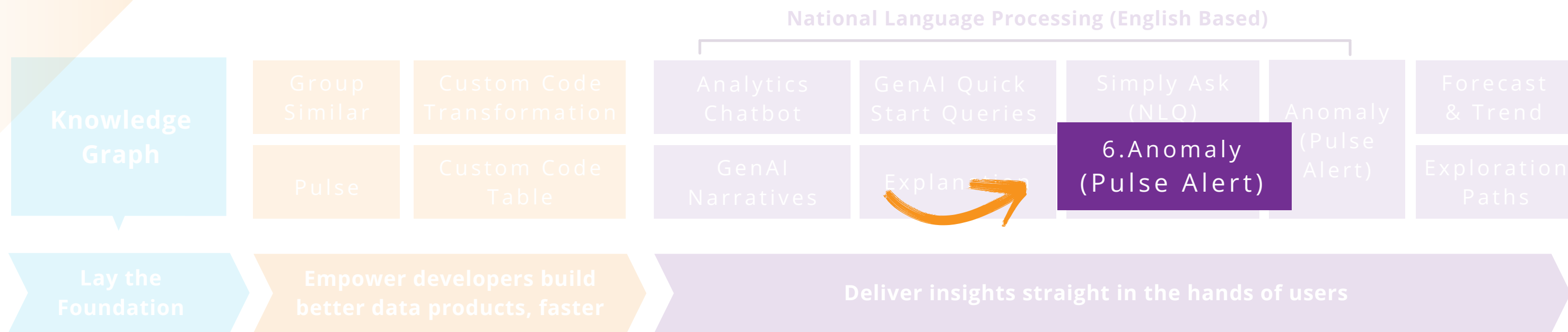
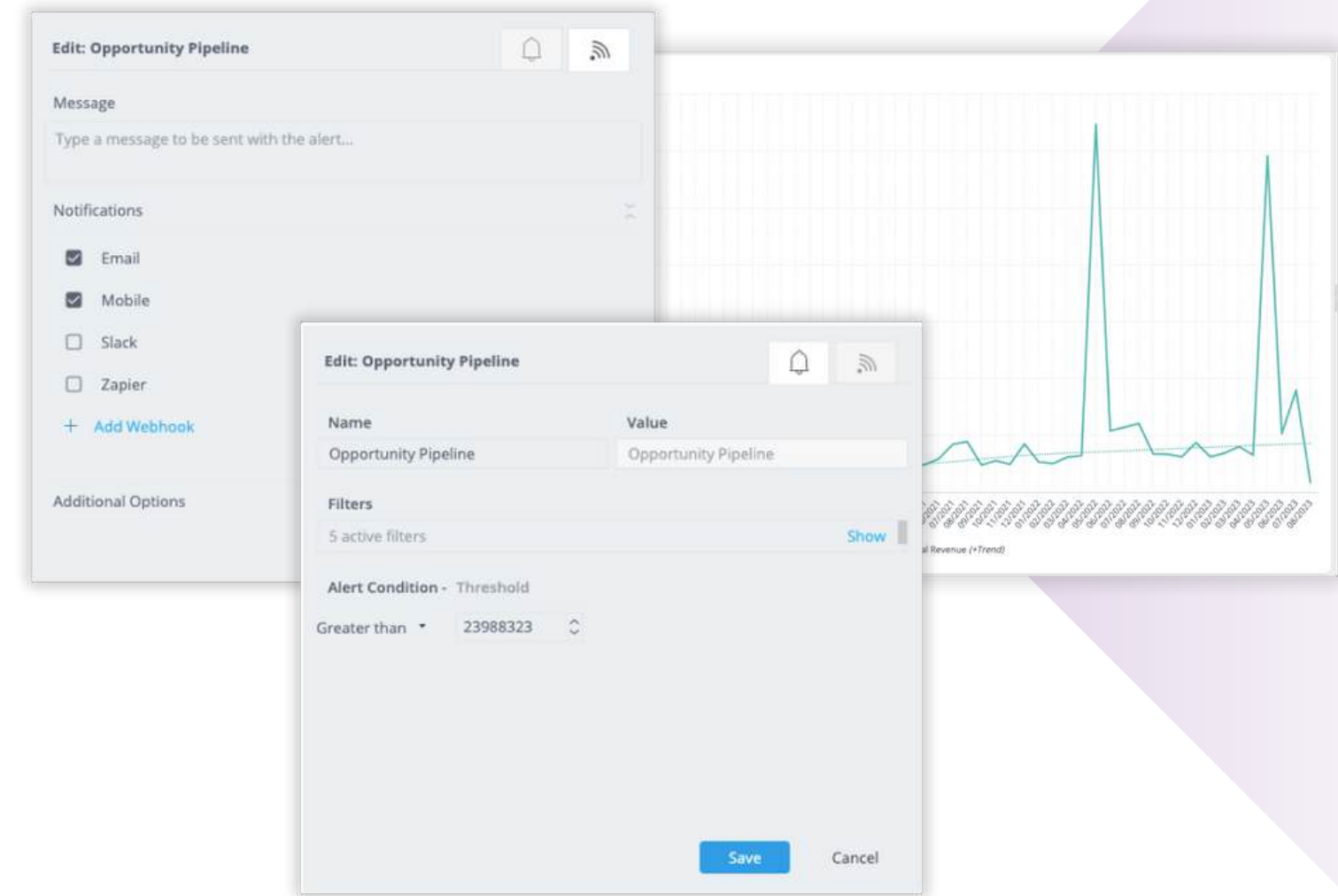
Sisense Explanations - Discover the 'Why'

- Sisense aids in the exploration process by highlighting anomalous data points and breakpoints through the utilization of our anomaly detection and breakpoints services.
- Sisense Explanations capability automatically identifies the most probable key drivers for a given change in your data. This enables decision-makers to easily understand connections and root causes in their Key Performance Indicators (KPIs).



Sisense Anomalies & Pulse Alert

- Users can easily draw trend lines using a number of statistical algorithms, including exponential smoothing and local estimates. Compare trends with previous or parallel periods.
- Sisense Pulse continuously analyzes KPIs that have been identified by a user using multiple advanced models developed by Sisense internal data science team. When outliers are detected, the system alerts the user automatically via a combination of email or any channel.



Associations



Partners



**Thank
you.
Any
question?**



Contact

-  (+84) 961 916 131
-  resolve.com.vn
-  resolve@resolve.com.vn
-  4th floor, M5 building, 91
Nguyen Chi Thanh Dong
Da district, Hanoi, Vietnam