Persistent

Solution Sheet

AI-Driven
Autonomous Insights

BI tools are evolving rapidly, but the direction they have taken is "ask a question and you will get an answer". While some tools do auto generate graphs and dashboards, you still need to analyze the information yourself. Deriving insights to get to the actual "aha" moment is left up to the human mind in front of the screen.

If you can automatically deliver meaningful insights and surface important information handily from reports and dashboards to a 3x5 inch screen for users which can be consumed in a matter of seconds, you can enable faster decision-making and take action at the right time.

| Users need domain knowledge to analyze data themselves | Dedicated analyst teams needed to derive insights | Hidden trends and anomalies often surface after decisions have been made |

Persistent's AI-Driven Digital Assistant to Derive Automated Insights from Reports

Persistent's AI-driven Autonomous Insights solution gives you a digital assistant at hand that can go through your reports and dashboards on a set schedule and identify, sort and deliver insights in simple English so that you can make decisions rapidly.

You can read the insights on your phone via an email client, listen to them via an Alexa or similar device, or even embed them into existing software depending on how you feel you will benefit.

The solution is built around four key components:

Machine Learning

\ Generates insights from reports and converts them into simple English

\ No model creation, testing or training. Pre-built to handle variety of contexts

Recommendation Engine

\ Ranks insights and contextualizes them for each user

\ Learns what you and peers find useful, and strives to improve continuously

Interact and Experience

\ Insights are delivered over email and devices such as Alexa

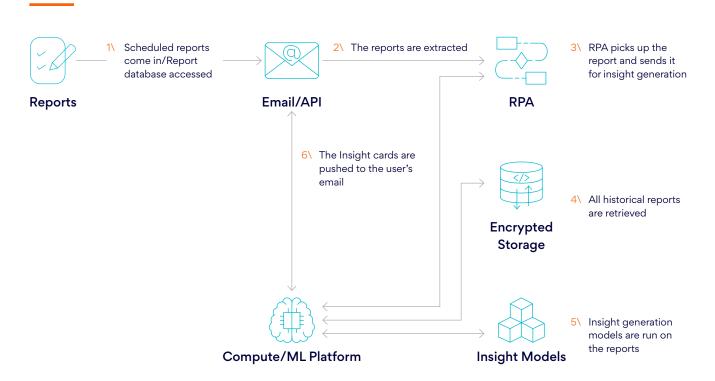\ Consume on a device of choice — Phone, voice, or even embed into an application

Outcome Improvement

\ From your reports and dashboards

\ Consume the known

\ Easily surface the unknowns

Insights in English

Delivered wherever you are via email, voice, mobile apps, or embedded in the software you use

Faster, enhanced decision making

How It Works

Reports

1\ Scheduled reports come in/Report database accessed

Email/API

2\ The reports are extracted

RPA

3\ RPA picks up the report and sends it for insight generation

6\ The Insight cards are pushed to the user's email

Encrypted Storage

4\ All historical reports are retrieved

Compute/ML Platform

Insight Models

5\ Insight generation models are run on the reports

Customer Story: Insights for Lenders

Challenges

\ The customer is a leading loan origination system provider in the US with over 800 lenders using its lending platform

\ Lenders compare themselves with competition to enhance offerings and draw more customers

\ The customer wanted to provide additional value to lenders by helping them with competitor analysis

\ The customer wished to provide insights such as whether they are better than competitors improvement areas, differentiation factors, geography-wise performance, and customer segment comparison

Solution

\ Integrated Autonomous Insights with the customer's Kubernetes based lending reporting platform, combining over 800 lending data sources and 5-month time series data sets

\ Added a custom analysis module to further compare the insights generated

\ With Autonomous Insights, lenders can identify where they stand in their cohort.

\ They know exactly what they are better at in comparison with peers and can identify their niche.

\ They can outline the areas where the competitors outperform and the parts that need improvement

Outcomes

\ Using these insights, the lenders have been able to set themselves apart from the competition and **increase** their **market share**.

\ The loan origination system provider was able to **move up the value chain** by providing meaningful competitor insights in addition to **being a technology partner** to vendors.

Start receiving insights wherever you are.

Request a Demo

About Persistent

We are a trusted Digital Engineering and Enterprise Modernization partner, combining deep technical expertise and industry experience to help our clients anticipate what's next. Our offerings and proven solutions create a unique competitive advantage for our clients by giving them the power to see beyond and rise above. We work with many industry-leading organizations world-wide including 14 of the 30 most innovative US companies, 80% of the largest banks in the US and India, and numerous innovators across the healthcare ecosystem. Our company fosters a values-driven and people-centric work environment. Our strength of over 22,500+ employees is spread over 18 different countries across the globe.

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