

valantic

AIVIAN Copilot 2.0

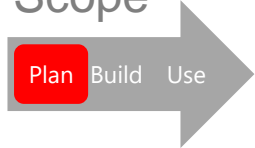
Automating Tasks and Workflows with AI

March 2025



AIVIAN Copilot for Finance

Scope



Challenge:

1. Complex Financial Data Management: Managing and analyzing vast amounts of financial data can be overwhelming and time-consuming. AIVIAN Copilot simplifies this by providing a unified chat/voice interface to retrieve, evaluate, and visualize financial information, making it easier for customers to make informed decisions.

2. Efficiency and Productivity: Traditional financial workflows often involve manual tasks that are prone to errors and inefficiencies. AIVIAN Copilot automates these tasks, increasing process efficiency and allowing employees to focus on strategic, high-value activities.

3. Advanced Decision-Making: In a dynamic business environment, making accurate predictions and strategic decisions is crucial. AIVIAN Copilot leverages AI to create scenarios, predict future trends, and generate actionable recommendations, helping customers stay competitive and optimize their business operations

Project Phases

- Plan: Kick Off Meeting, Infrastructure Preparation (M365, Azure)
- Build: Installation of valantic Assets, Integration of AI capabilities, and customization of the AIVIAN Copilot
- Use: Handover & Enablement Services

Your Invest

- Approximate duration of 4-12 weeks, depending on your availability, desired scope and hosting model



MORE INFO
www.valantic.com

Why choose valantic?

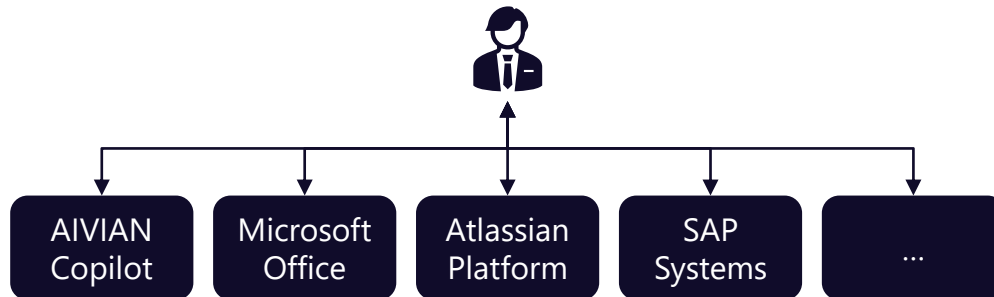
- Expertise in Financial Processes: A team of experienced business consultants and experts in financial planning, consolidation, budgeting, forecasting and other activities needed for running a successfully CFO Office
- Technology Expertise: A team of skilled professionals with expertise in Technologies around CCH Tagetik, Microsoft and SAP
- Tailored solutions that address your unique business challenges and goals.
- Commitment to delivering results on time and within budget.



Let's talk!
[Click here and book a free online meeting](#)

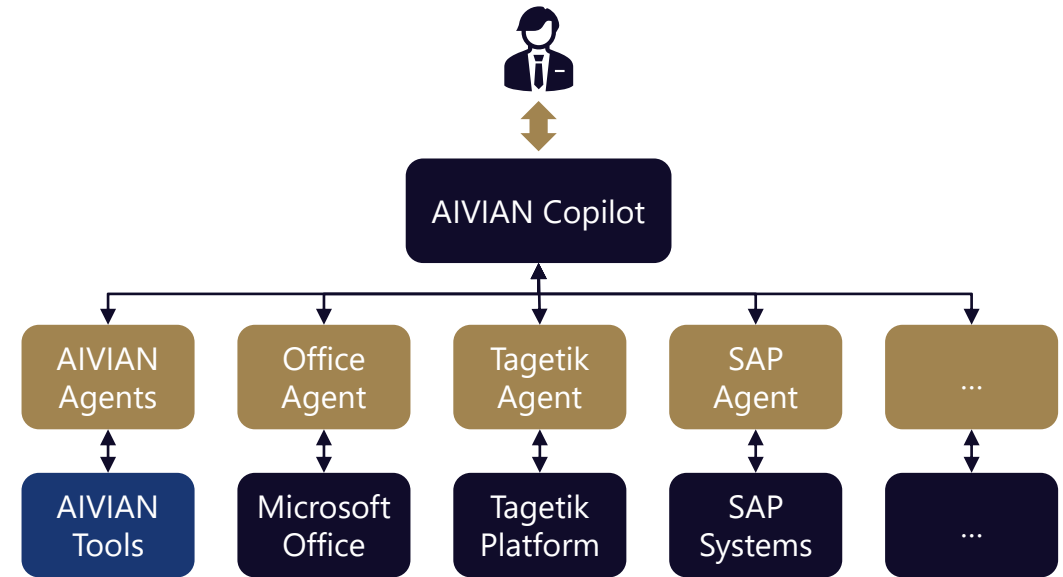
Agents for Finance: Target Picture

Current Human-driven Workflows



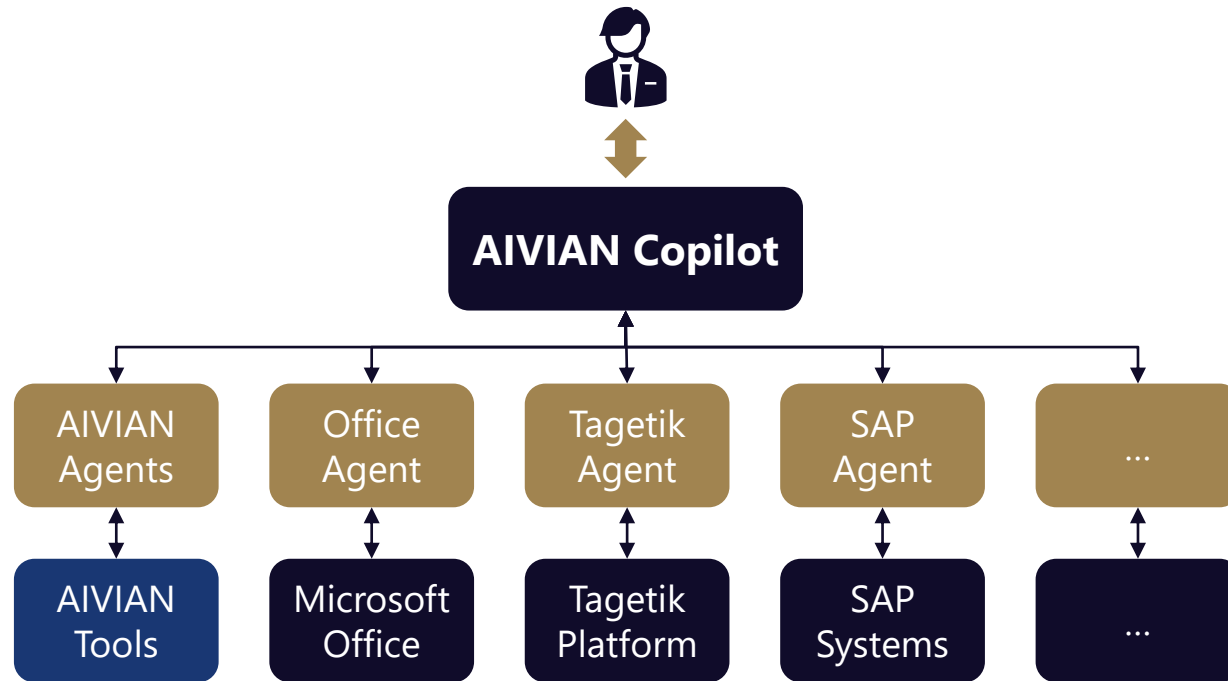
- AI tools like **AIVIAN** are part of the **employees' tool stack**.
- Employees must actively interact with various user interfaces and **switch between multiple tools** and systems.
- Enterprise software operates in **silos**, requiring **error-prone manual data transfers** and **multiplies effort** across teams and departments.
- Organizations must bear **significant training costs** to enable employees which have to **handle multiple tool and interfaces** in their daily workflows.

Future Agent-powered Workflows



- **AIVIAN** acts as a **central interface** to all business tools and IT systems.
- **Direct communication** between different tools and systems.
- **Fully integrated actions** which cover multiple business functions.
- **Minimal training cost** for effective employee onboarding.

Agents for Finance: Your capable AI-powered Colleagues



Key Features of Agent Services

AI-powered agents can **act on behalf of your employees** to autonomously manage certain tasks.

Agents **reacts on dynamically changing conditions** and update their task execution accordingly.

The use of agents as “virtual employees” ensures **robustness and productivity** in challenging environments.

Combining multiple agents enables the **full automation** of specific business functions.



AIVIAN Copilot agents work autonomously and enable **employees to focus on value-generating tasks** and impactful projects.

Agents for Finance: Impact on Business Workflows

Impact on Individuals

- **Delegate** your routine tasks to focus on value-generating projects and activities.
- **Streamline** your daily workflows by automating system and tool interactions.
- **Access** all your information sources through a unified and intuitive interface.
- **Receive** comprehensive answers from AIVIAN Copilot, your personal assistant.
- **Instruct** AIVIAN Copilot to tackle challenges, tasks and workflows on your behalf.

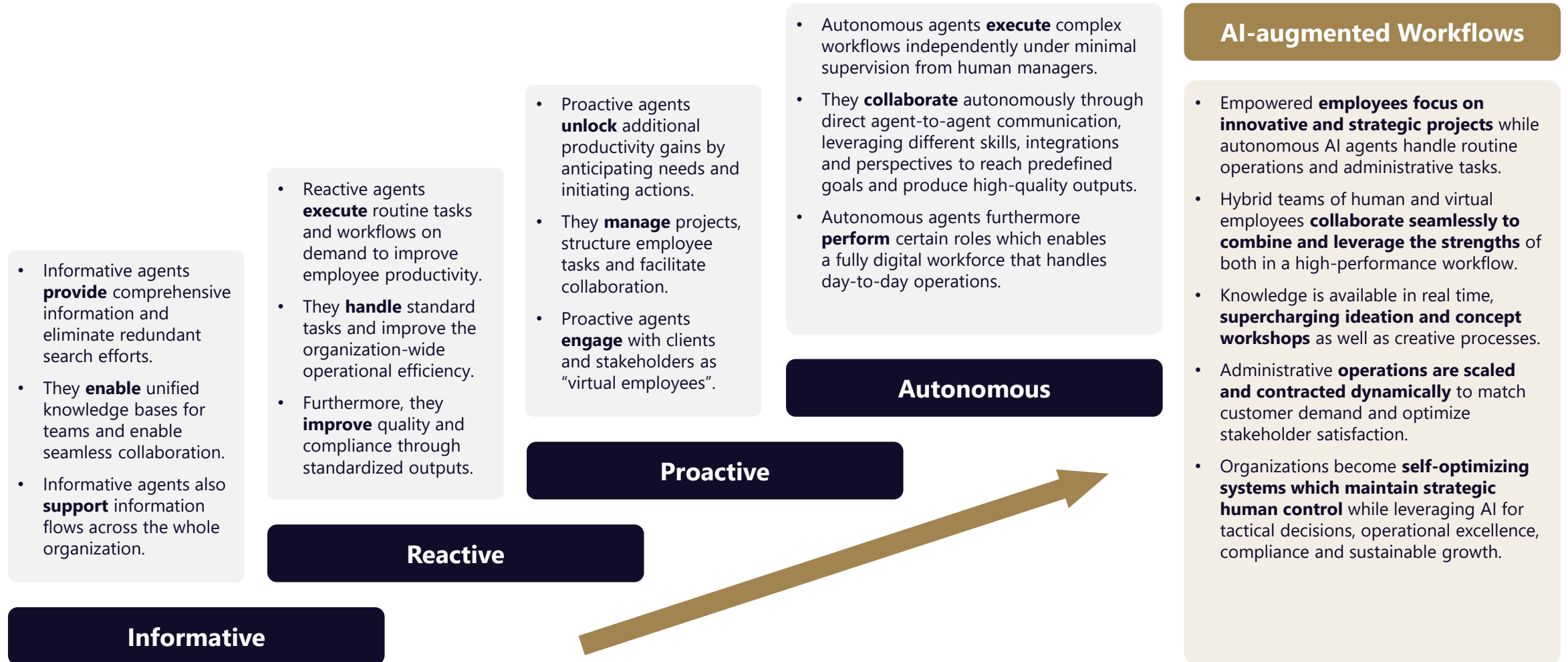
Impact on Teams

- **Provide** a unified interface to your team's knowledge bases and business documents.
- **Standardize** tasks and workflows across team members to improve quality and consistency.
- **Automate** project management tasks like progress tracking and user story management to streamline your operations.
- **Reduce** the onboarding effort for new team members through a consolidated tool interface.
- **Improve** the knowledge of your team through automated market research reports, trend monitoring and other automated information consolidation processes.

Impact on Organizations

- **Scale** your operations effectively without a proportional increase in your administrative overhead.
- **Ensure** consistent processes and compliance across your organization.
- **Streamline** operations to reduce cost by enabling a focus on high-value activities.
- **Reduce** information silos to ensure instant communication of critical insights to decision-makers.
- **Improve** your resilience through automated operations which ensure 24/7 business continuity.

Agents for Finance: Step-wise Integration Process



Target Picture “AI-augmented Finance Workflows”



Hi, I am your AIVIAN Copilot, how can I help you?

Hi AIVIAN, I would like to see the latest sales data for our key product in Germany, please provide actual numbers, targets and forecasts for 2024.

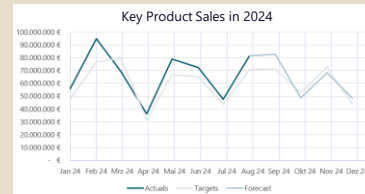


Request Data Retrieval and Analytics

- Retrieve financial information and other data from various sources through one unified and intuitive interface.
- Evaluate past performance, analyze current developments and predict future trends, potential risks and growth opportunities.



Sure, I have retrieved the information from the data model and created a line chart which provides an overview. You can download the raw data from this link: [Key Product Sales.xlsx](#)



Provide Charts, Tables and Summarizations

- Create intuitive visualizations and comprehensive KPI tables to provide relevant information for decision processes and reports.
- Summarize qualitative information, extract key insights and identify topics which require management attention.

Thanks a lot, can you please calculate the difference between Targets and Actuals if we realize the estimated Forecast values? And how much would this be if we reduce prices in November by 3%?



Request KPIs, Forecasts and Simulations

- Calculate and analyze business-critical KPIs to measure the effect of strategic initiatives and identify areas for improvement.
- Conduct advanced analyses to predict future developments, simulate the effect of measures and optimize business value.



Of course, the Actuals would be 62.25 Mio. € above the set Targets. I have accessed the driver model for the product and created a simulation for this scenario ([Link](#)). A price reduction of 3% on 01.11.2024 would reduce total revenue by 2.78 Mio € (= 2.38%) due to an estimated increase in the number of sold vehicles by 0.62%.

Provide Scenarios, Explanations and Recommendations

- Create scenarios for potential outcomes to support decisions and provide guideline and explanatory insights into future developments.
- Generate actionable, data-driven recommendations for business optimization to stay competitive in dynamic environments.

AIVIAN Copilot: One Interface to your Data, Workflows and Insights

Key Features

1

Intuitive Chat Interface

Interact with your data models through a simple chat interface to explore the possibilities of AI for Finance.



2

Powerful AI Capabilities

Leverage AI to analyze data, gain insights and create visualizations to support your decision-making processes.



3

Dynamic Workflow Automation

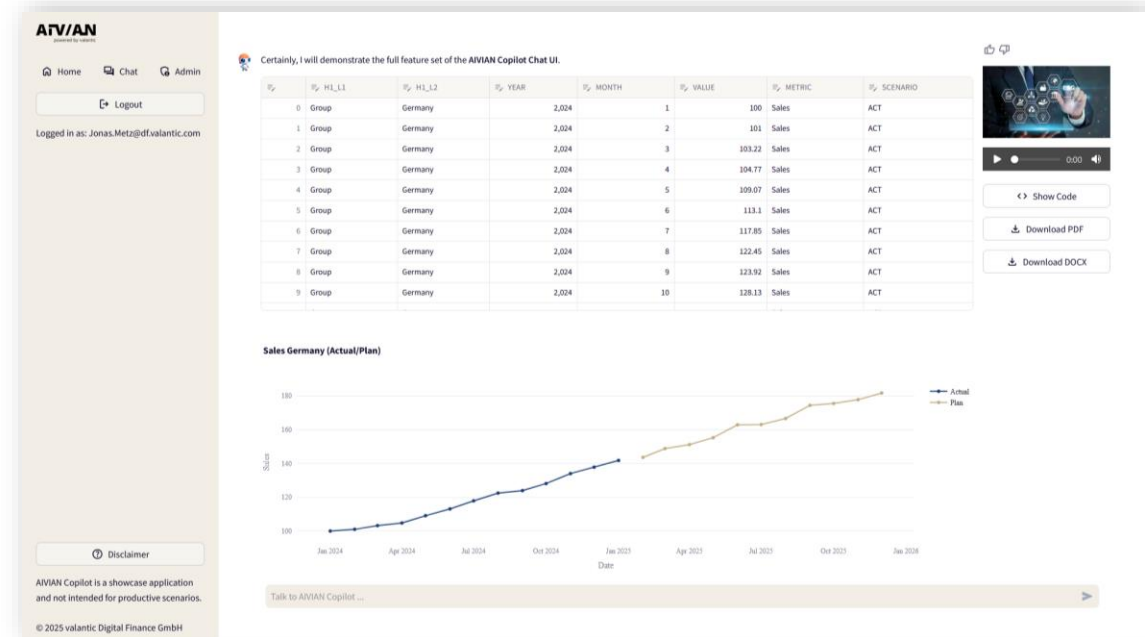
Use flexible AI Agents which automate tasks and workflows to increase process efficiency and employee productivity.



4

Flexible Data Source Extensions

Integrate additional data sources to combine information and create in-depth analyses and recommendations.



Benefits

Leverage **AIVIAN Copilot** to enhance your decision-making through **real-time insights** into your **Planning and Reporting** data. Increase operational efficiency through **agent-based automation** which enables your team to focus on strategic, high-value activities. Deploy our light-weight chat interface to **start the exploration of value-generating use cases**. Showcase the possibilities of an **AI-augmented Finance Workflow**. Demonstrate emerging technologies to support existing initiatives and **gain momentum for your AI-driven Finance Transformation**.

AI for Finance: Use Case Matrix



	No AI	Classic AI/ML	Prompting	Knowledge Retrieval	Fine-Tuning	Agents/Workflows
Data Analysis	Rule-based checks and spreadsheet-focused analysis	Automatically identify patterns and correlations in data	On-demand data analysis with in-depth explanations	On-demand data analysis of internal databases with in-depth explanations	–	Detailed summaries and automated documentation
Reporting	Static reporting of KPIs through plots and tables	Extension of reports through AI-generated content and simulations	In-depth explanation of developments and interdependencies	On-demand augmentation of reports through data from internal or external sources	Company-specific wording and style for analyses/explanations	Automated generation and communication of management summaries
Monitoring	Rule-based monitoring and manual prediction of deviations	Outlier detection and prediction (e.g., fraud detection)	Analyze and explain outliers and anomalies in the dataset	Extend the analysis with possible influences from external sources	Business-specific detection and analysis of outliers and errors	Real-time anomaly alerts and automated response actions
Decision Support	Manual information gathering and regular use of heuristics	Pattern recognition and big data processing for insights generation	Reflect motivations and heuristics to validate or adjust decisions	Enhance the reasoning through facts and critical reflection of arguments	Provide project-specific guidelines and governance for decisions	Delegate regular but uncritical decisions to an automated process
Forecasting	Manual forecast based on historical data and expert knowledge	Automated, detailed and high-frequented forecasting of KPIs	Verbal explanations of developments, correlations and drivers	On-demand research and in-depth analysis of qualitative data	Business-specific forecasting based on foundation models	Automated target setting based on forecasts and qualitative reasoning
Simulation	Spreadsheet-based "what if" scenarios	Probabilistic modelling of risks under changing circumstances	Interpretation of simulation results and action recommendations	Qualitative extension of scenarios for complete picture and explanation	–	Automated scenario evaluation and counter-measure deployment

Augmented by

AI as your Copilot: Advanced Reasoning for Finance and Decision-Making

Leverage the OpenAI o1/o3 Model Series

- 1 Strategic planning and decision reflection**

Contemplate the outcome of multiple scenarios and reason about the impact of decisions and external influences.
- 2 Performance benchmarking and KPI analysis**

Optimize resource allocation through the reflection of efficiency and productivity analyses and comparisons.
- 3 Legal document and guideline interpretation**

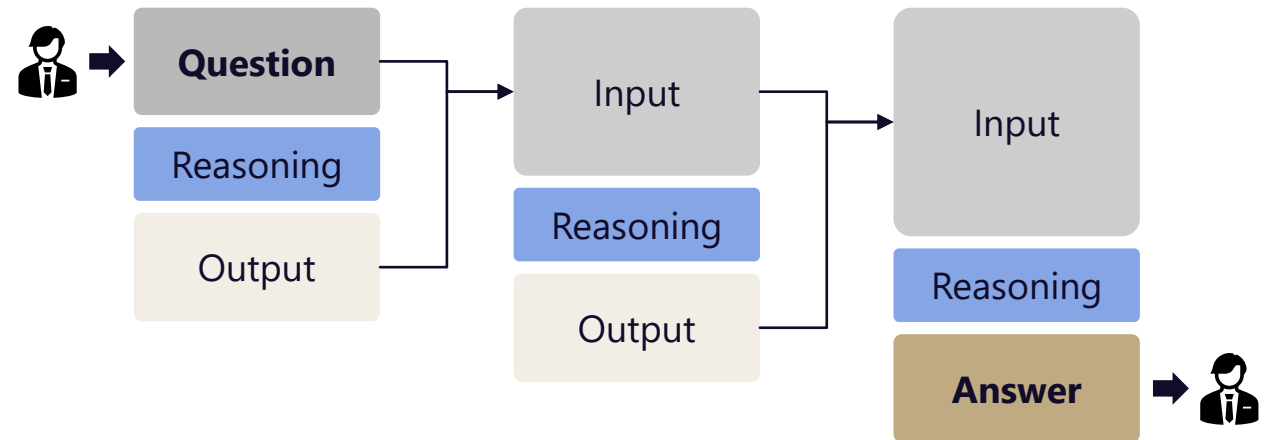
Reason about the application and implications of regulation and accounting standards on compliance and disclosures.
- 4 Risk analysis and mitigation strategies**

Investigate the effects and interactions of risks and reflect on possible countermeasures and their effectiveness.

<https://openai.com/index/learning-to-reason-with-llms>

The Advanced Reasoning Process

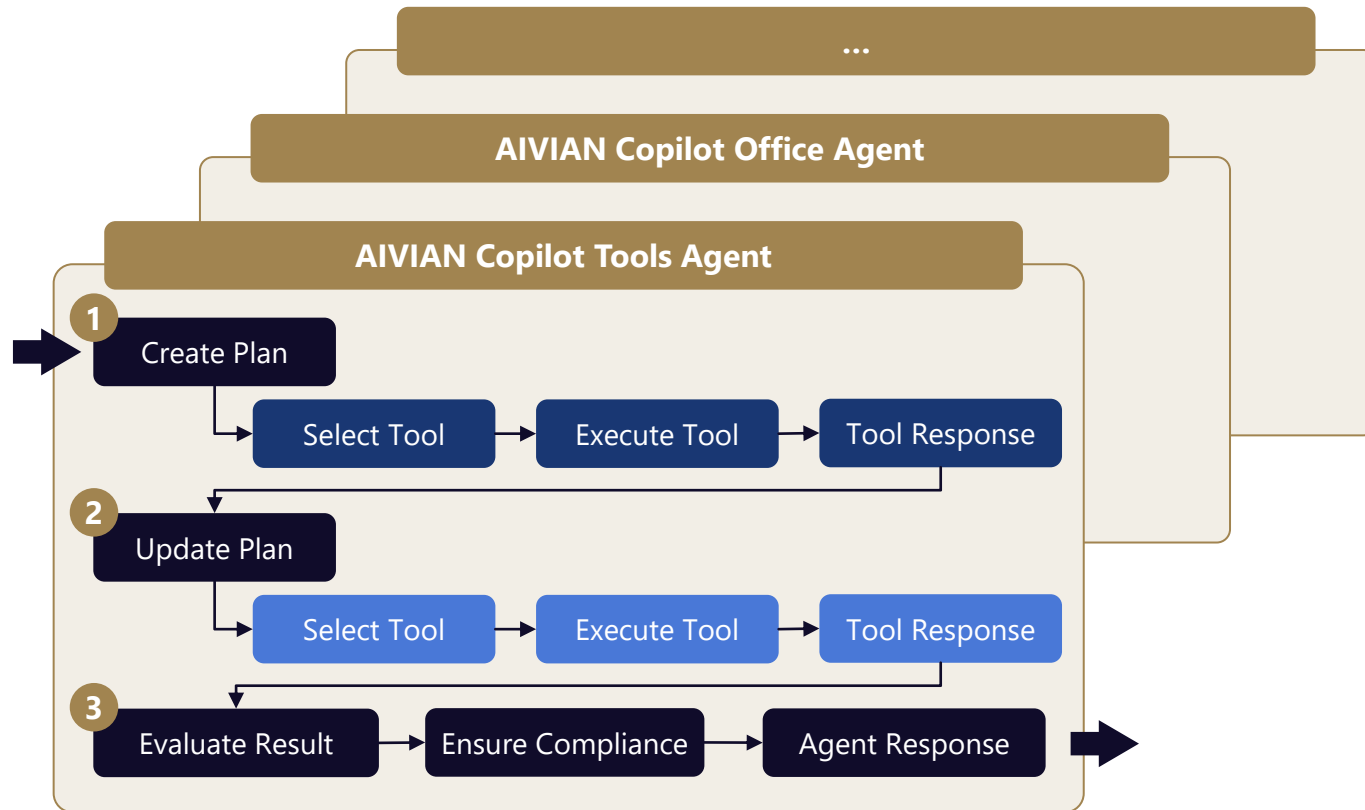
Instead of just predicting the next word (conventional language model), the new models **break down their understanding of the question**, consider multiple options and approaches and **reflect on their chain of thought**.




Benefits


Leverage the **advanced AI-augmented reasoning** of your Finance Copilot to **improve your decision-making**. Optimize your financial KPIs, ensure compliance and **reduce the cost for research and analyses**. Include advanced reasoning models in your workflows to **increase the speed of cognitive processes**. Receive a **reflected opinion and analysis** within minutes. Contemplate and **consider different angles** for challenging business decisions.

Agents for Finance: Technological Process Outline




1 Reason to create an Execution Plan 

Leverage the reasoning capabilities of models like the OpenAI o1 series to split the request into a structured plan of clearly defined tasks which can be completed using the available tools of the agent.

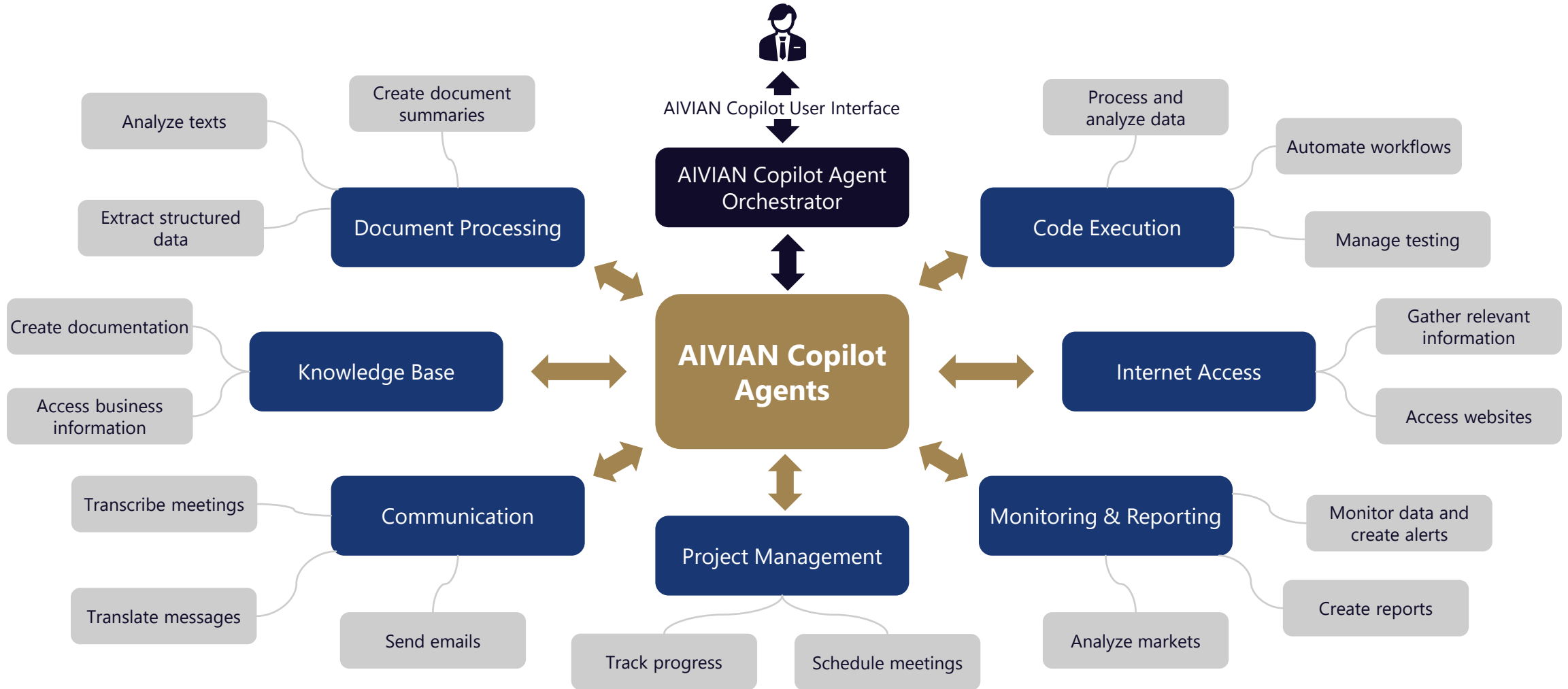
2 Integrate to refine the Execution Plan 

Evaluate the tool response to assess if the plan execution can proceed as planned or if it needs to be updated to incorporate the new information or tool execution feedback.

3 Evaluate to ensure a successful Execution 

Ensure that the agent responds as expected by validating the result against acceptance criteria or quality metrics. Evaluate the agent's response against corporate guidelines to ensure compliance.

Agents for Finance: Tool and Integration Overview

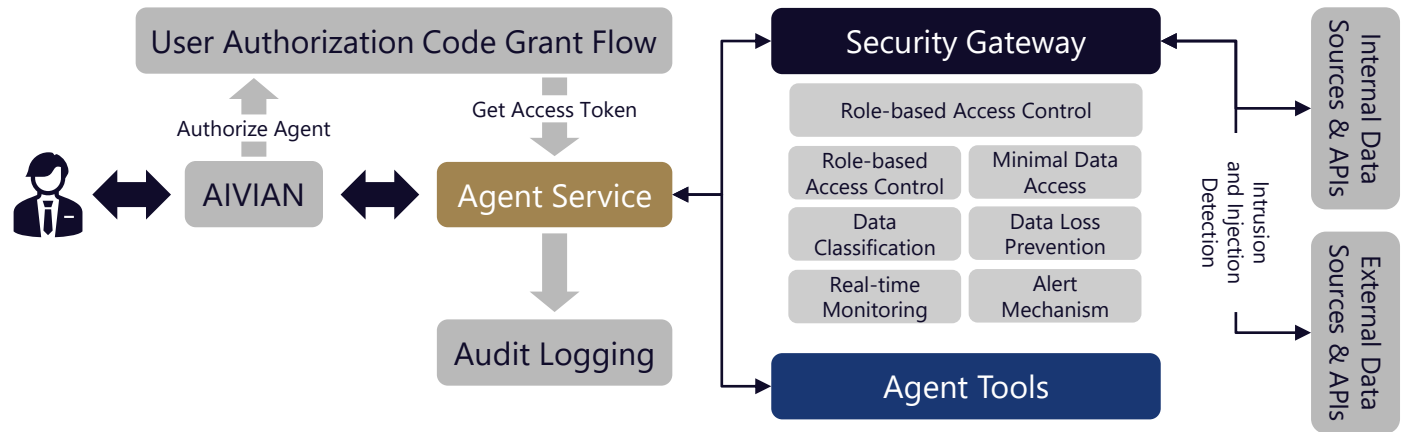


Agents for Finance: Governance and Compliance

Goals

- 1 Ensure data security and privacy
- 2 Comply with regulatory requirements
- 3 Provide transparency and traceability
- 4 Minimize risk from external threats

High-level Compliance Architecture



Agent Setup Process Outline and Recommendations

Requirements Definition	Integration Specifications	Test Case Definitions	Implementation	Deployment	Testing	Monitoring
Align security requirements	Define the API security concept	Specify security and access tests	Create the security components	Prepare the integration interfaces	Execute the defined tests	Provide real-time security information
Identify relevant compliance topics	Design the authorization concept	Create compliance validation tests	Build the compliance monitoring service	Integrate the security components	Inspect logs and verify performance	Act on alerts and audit insights

Together, we build the Future of Finance.



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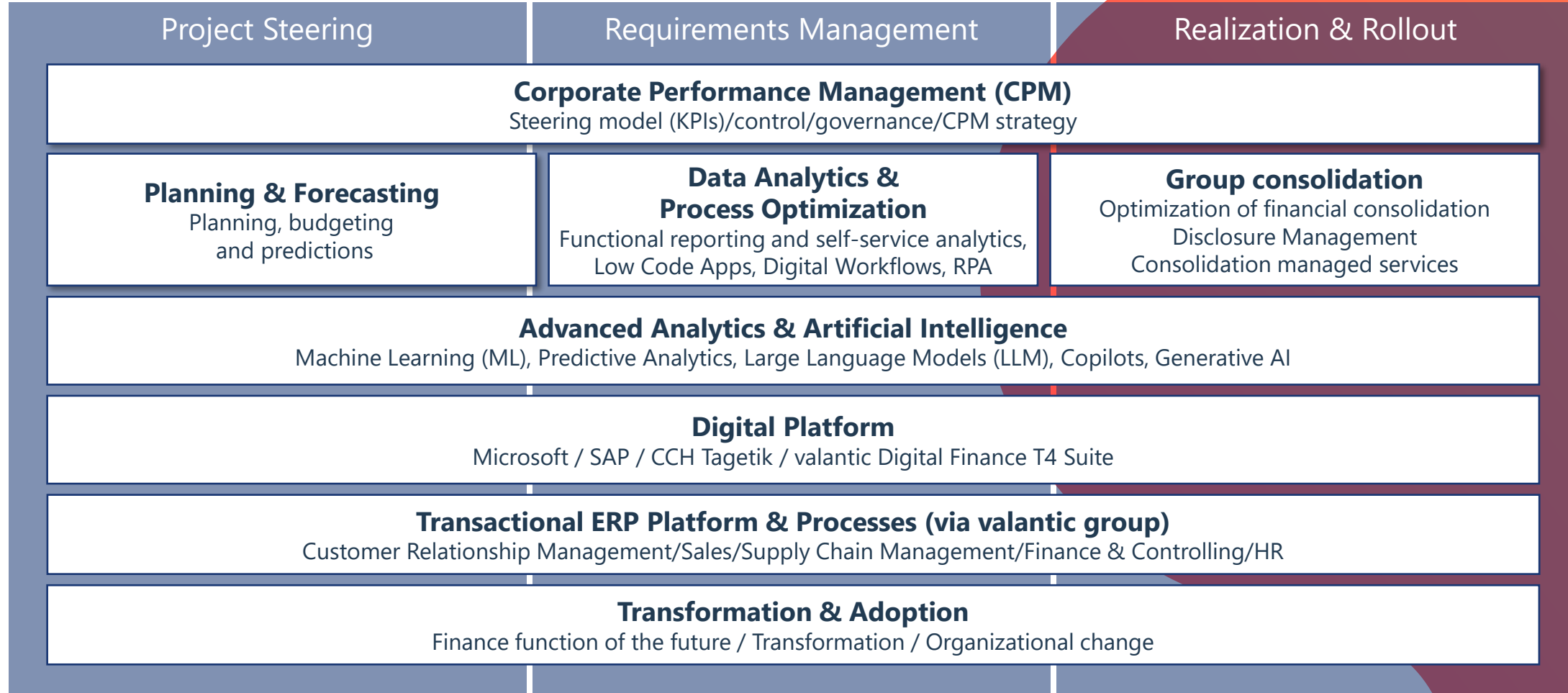
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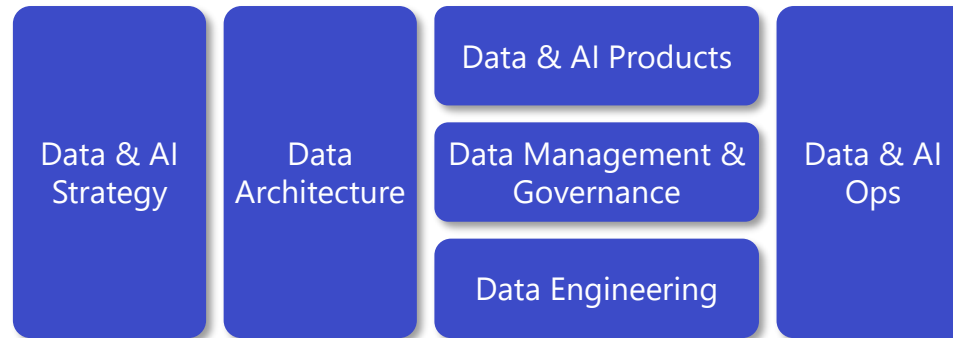
From strategy to execution

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and AI work**
for you

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data & AI
experts

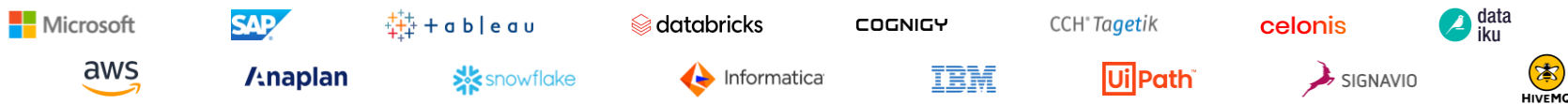
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Fluency in relevant data & AI technology



Substantial track record across industries

Automotive & mobility



Pharma, medtech, chemicals



Retail & fashion



Manufacturing



Telco & utilities



Banking & insurance

