



Specialized, Self-Learning AI Assistants

Modernize Commercial Underwriting

"95% of insurance executives plan to invest in AI over the next three years."

Gartner Survey, 2023

"The integration of AI with real-time data is expected to improve the accuracy of underwriting decisions by 40%."

Celent, 2023

AI and Knowledge Work Transformation

Generative AI is transforming knowledge work in commercial insurance by automating complex cognitive tasks in commercial insurance risk assessment. The underwriting workflows and processes of insurers, MGAs, and their distribution partners are increasingly being enriched by AI technology.

Armed with the ability to interpret, learn, and assume focused personas, NeuralMetrics' AI Assistants are at the forefront of modernizing insurance processes and ushering in a new era of underwriting agility and precision.

NeuralMetrics Self-Learning Platform

Presenting the groundbreaking **Smart Adaptive Multifunctional Assistant (SAMA)** platform in which autonomous, reasoning AI assistants embody various task-oriented personas to bolster underwriting workflows seamlessly.

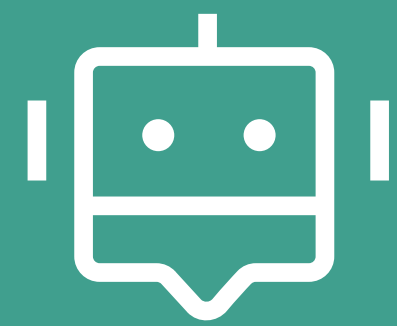
These role-based assistants streamline underwriting processes — facilitating more accurate, efficient, risk selection and decision-making by commercial insurers.



Meet our Role-Based AI Assistants

Gia

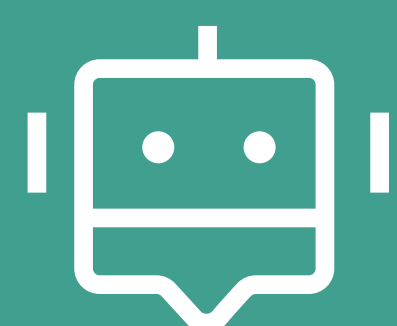
Risk Appetite Assistant



Automatically assigns business description codes according to prevailing underwriting guidelines and assesses exposures to determine risk appetite.

Arkus

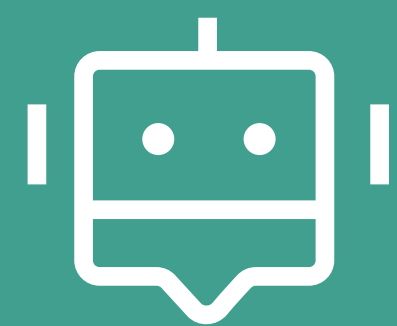
Risk Assessment Assistant



Assists in evaluating risks, and supports underwriters in risk qualification within company guidelines, coverage determination, and quote generation.

Chris

Premium Audit Assistant



Verifies the reported exposures of policyholders against actual experiences, ensuring accurate premium calculations.

"Companies using AI for underwriting and risk assessment have seen a 50% reduction in operational costs."

Boston Consulting Group, 2024

Real-time Risk Quality Data Trains AI Assistants

NeuralMetrics uses a proprietary data triangulation method that integrates real-time risk data from public sources with large language models and multi-task learning. This approach creates diverse and dynamic datasets, continuously refined with real-world and synthetic data to inform our AI assistants on the SAMA platform.

The AI assistants provide transparent, explanatory outputs, ensuring complete visibility into data sources and reasoning, which boosts regulatory compliance and sets a new standard for data integrity in insurance operations.

Key Benefits of NeuralMetrics AI Assistants

Improve Risk Assessment Speed and Accuracy: AI assistant deployment leads to faster and more accurate insurer risk assessment.

Approach 100% Risk Data Recall: Achieving near-perfect recall, AI assistants enable comprehensive and reliable risk-quality analysis.

Enhance Straight-Through Processing: AI assistants contribute to more efficient processing, precise quoting, and accurate policy pricing.

Strong Regulatory Compliance: Transparent data sourcing ensures compliance with industry standards and regulations.

Real-Time Risk Insights: AI assistant capabilities allow real-time access to valuable risk insights and effective exposure management.

Data Security: AI assistants protect proprietary data and personally identifiable information (PII) in the operational and IT infrastructures of insurance organizations.

Seamless Integration: When paired with the NeuralMetrics AI Underwriting Workbench, the SAMA platform AI assistants increase the accuracy of data-driven risk analysis, reducing friction and costs in underwriting workflows.