

NuSummit

BROCHURE

# NuSummit Data Analytics & Generative AI Capabilities



# Our Data Analytics Capabilities at a Glance

100+

Certifications & Accreditations

20-25%

Reduction in Manual Efforts through automation and advanced analytics

30+

BFSI Use Cases Supported

30-40%

Accelerated Time to Market



## Core Capabilities



### Data Modernization:

- Data Strategy
- Data Lake/Lake House
- Data Warehousing
- Data Engineering
- Data Migration



### Business Analytics:

- BI Strategy & Transformation
- Visualization & Narratives
- Observability Analytics
- Descriptive & Diagnostic Analytics



### AI & Advanced Analytics:

- Generative AI
- Predictive Analytics
- Smart Decision Systems
- Sensory Techniques



# Our Generative AI Capabilities at a Glance

## Comprehensive AI Solutions:

Innovative AI-driven solutions to meet diverse business needs.

## Expert Team:

Over 200 associates with 100+ certifications and 50+ BFSI industry experts.

## Accelerators & Frameworks:

12+ accelerators and frameworks for rapid deployment.

## Core Capabilities



### Conversational AI & BI

- Conversational AI: Seamlessly interact with data through AI-driven conversations.
- Conversational BI: Transform analytics into dialogue for intuitive insights.



### Speech AI:

- Speech to Text: Convert spoken words into text for easy analysis.
- Reputational Risk Assessment: Monitor social sentiment to gauge reputational risks.



### Predictive & Prescriptive Analytics:

- Churn Prediction: Identify customers at risk of churn and implement mitigation strategies.
- Fraud Detection: Detect and prevent fraudulent transactions with AI precision.
- Default Payment Propensity: Assess policies at risk of default for targeted interventions.



### Text-Based Solutions:

- Text Classification: Automatically categorize text into predefined categories.
- Data Extraction: Extract specific data elements from documents for automation.
- Resume Parsing: Convert resumes into actionable data for efficient processing.



# AI Innovations at NuSummit

## Market Guardian:

**Stock Data Analysis:** Extract and analyze stock data for market insights.

## Intelligent Apps:

**AI-Augmented Automation:** Enhance business processes with AI-driven automation.

**Generative AI for Insights:** Generate insights from financial data with AI-powered analysis.

## Success Stories



### Enhancing Business Intelligence with Generative AI for a Leading Insurance Provider

A leading insurance provider faced challenges in analyzing vast amounts of business performance data, requiring a more efficient solution for quick, accurate insights. NuSummit implemented a Generative AI-powered system, allowing users to interact with data in natural language, customize KPI calculations, and streamline data analysis. This solution significantly enhanced accessibility to insights, improved operational efficiency, and enabled quicker, informed decision-making.



## Data Migration for India's Leading Exchange

India's leading exchange faced limitations with its on-premise data center, which struggled to scale and meet the surge in stock trading during the COVID-19 pandemic. NuSummit orchestrated a seamless migration to the cloud, leveraging AI/ML for anomaly detection and real-time data processing. This transition ensured scalability, improved data accuracy, and enabled the client to kick-start new initiatives without infrastructure constraints, achieving significant cost benefits and operational efficiency.



## Innovating Financial Data Management for a Leading Financial Services Provider

A prominent financial services provider dealt with fragmented data silos and outdated data pipelines, impacting timely decision-making. NuSummit's data modernization initiative consolidated disparate data into a unified platform using AWS and Databricks, introduced a robust data ingestion pipeline, and implemented real-time business alerts. This transformation led to a 45% reduction in data curation time, established a single source of truth, and significantly enhanced data management and analytics capabilities.



## Asemble (SLDC) Use Case: Revolutionizing Software Development

Asemble transforms software development by integrating role-specific AI assistants into existing development pipelines. This Gen-AI-powered platform improves efficiency across the SDLC, automating code optimization, quality checks, and documentation tasks. By leveraging Asemble, teams can achieve quicker project completions, consistent code quality, and enhanced productivity, focusing more on strategic and creative tasks. This innovative approach ensures that software development processes are streamlined and aligned with the latest technological advancements.

# About NuSummit

NuSummit is a global technology leader in AI-led digital transformation, specializing in applications, data, analytics, cloud, and cybersecurity. With over 300 clients worldwide, including 22 Fortune 500 companies, NuSummit supports organizations across industries. Our core expertise lies in banking, insurance, and capital markets, where we offer specialized solutions for these sectors.

With over two decades of experience and 3,000+ professionals, we deliver AI-driven, end-to-end solutions that integrate advanced cloud infrastructure and cybersecurity. Certified to top industry standards and backed by a robust partner ecosystem of hyperscalers and niche innovators, NuSummit is a trusted partner for secure, impactful digital innovation.

**For more information, write to [connect@nusummit.com](mailto:connect@nusummit.com).**

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