



Tecosys AI PVT LTD

Introducing Tecosys

MULTI LAYERED AI PORTFOLIO
SOLUTIONS

The Problem

Enterprises Are Struggling to Harness AI

01

Enterprises

Enterprise AI Misalignment

Most large AI models are too costly, generic, and prone to errors, making them unsuitable for domain-specific enterprise workflows.

02

Healthcare

Inaccurate Risk Adjustment

Incomplete or incorrect risk adjustment coding causes underpayments, missed reimbursements, and compliance risks — slowing down the revenue cycle for healthcare providers. processing.

03

Medical Billing

Billing Inefficiencies

Manual and error-prone coding creates claim denials, delayed reimbursements, and revenue leakage in healthcare billing processes.

Our Products Portfolio

Integrated AI Solutions, End-to-End Services

01

Enterprise AI Solutions

Introducing Nutaan AI: Our Flagship Model for Enterprise Level Intelligence for Quickly Adapting Domain Specific Workflows into Businesses.

02

Risk Adjustment Coding

Identifying Patient Risks and Costs on the Population Index to Help Achieve Faster Reimbursements Through AI.

03

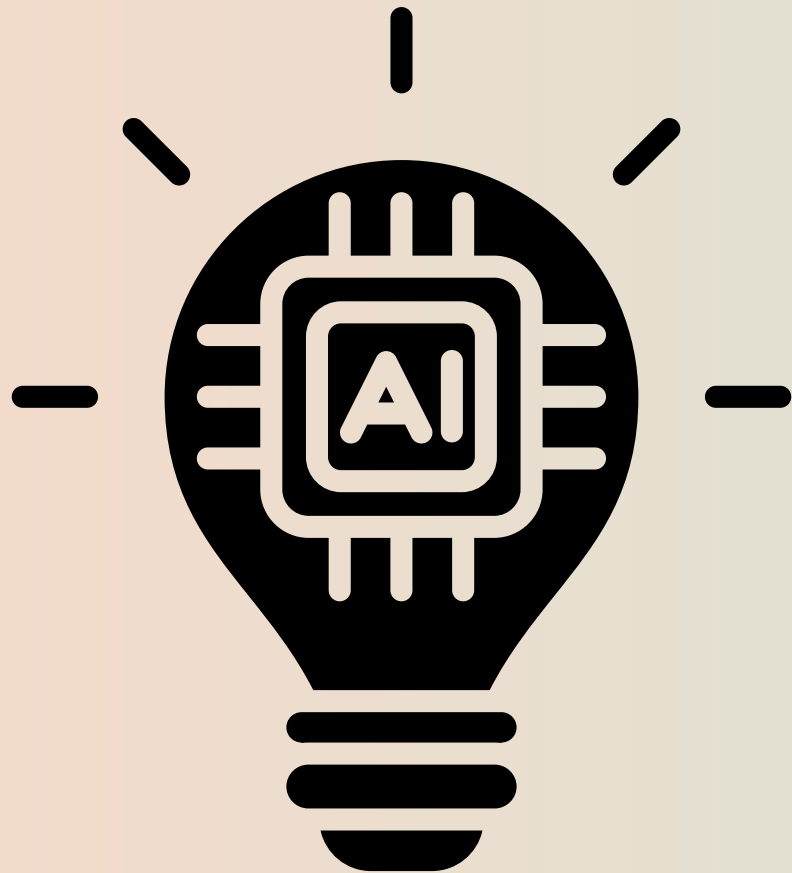
AI-based Medical Billing Automation

Automates claim creation, validation, and submission to reduce denials, speed up reimbursements, and eliminate manual billing errors.



Enterprise AI Solutions

AI-Powered Transformation Awaits



01

Deep Searching

Instantly find insights of your query across vast sources with multi-step reasoning.

02

Multi-Step Thinking

Solve complex problems with logical reasoning.

03

Summarization

Condense large data into actionable insights.

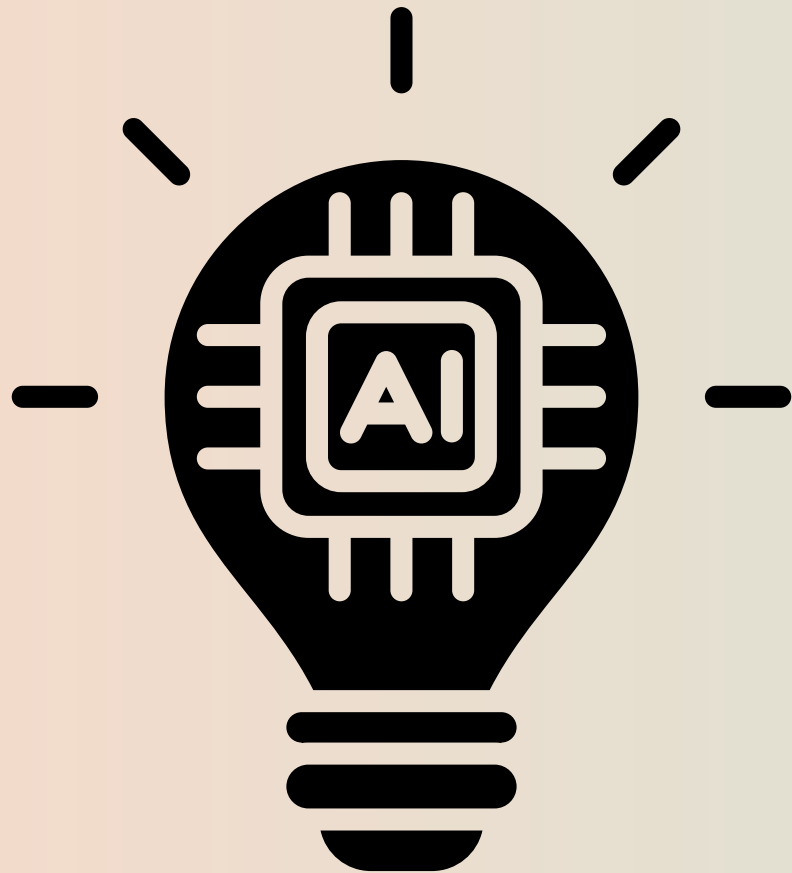
04

Prompt Templates

Streamline workflows with reusable, customizable prompts.

Healthcare AI Services

AI-Powered Transformation Awaits

**01**

AI-Powered Risk Adjustment Coding

Accurate ICD/CPT code extraction and risk scoring to maximize reimbursements.

02

Hospital Workflow Digitization

OPD scheduling, bed occupancy tracking, and resource allocation optimization.

03

Patient Engagement & Virtual Assistance

24/7 AI-powered symptom guidance, medication reminders, and health tracking.

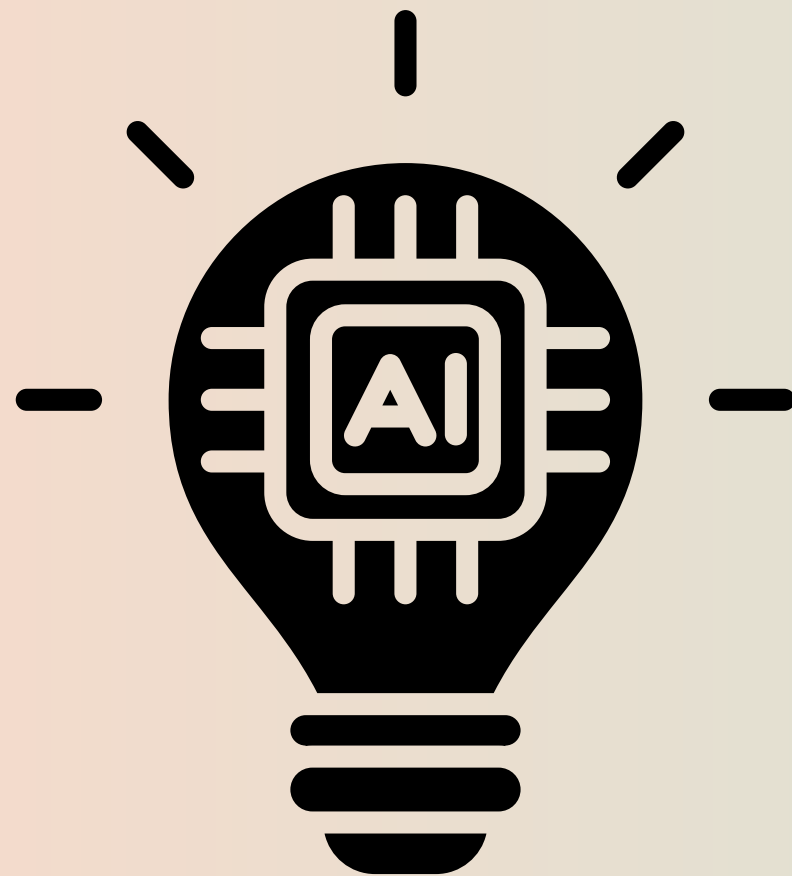
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Clinical Data Analysis & Insights

Extracting patterns from patient records for better decision-making and care planning.

Medical Billing Services

Turning Claims into Cash, Faster.

**01**

Insurance Claim Acceleration

Secure, AI-assisted claim data preparation for faster pre-approvals and settlements.

02

Prior Authorization Automation

Streamlining pre-approvals for faster treatment initiation.

03

Denial Management & Appeals

Identifying root causes, correcting claims, and resubmitting to recover lost revenue.

04

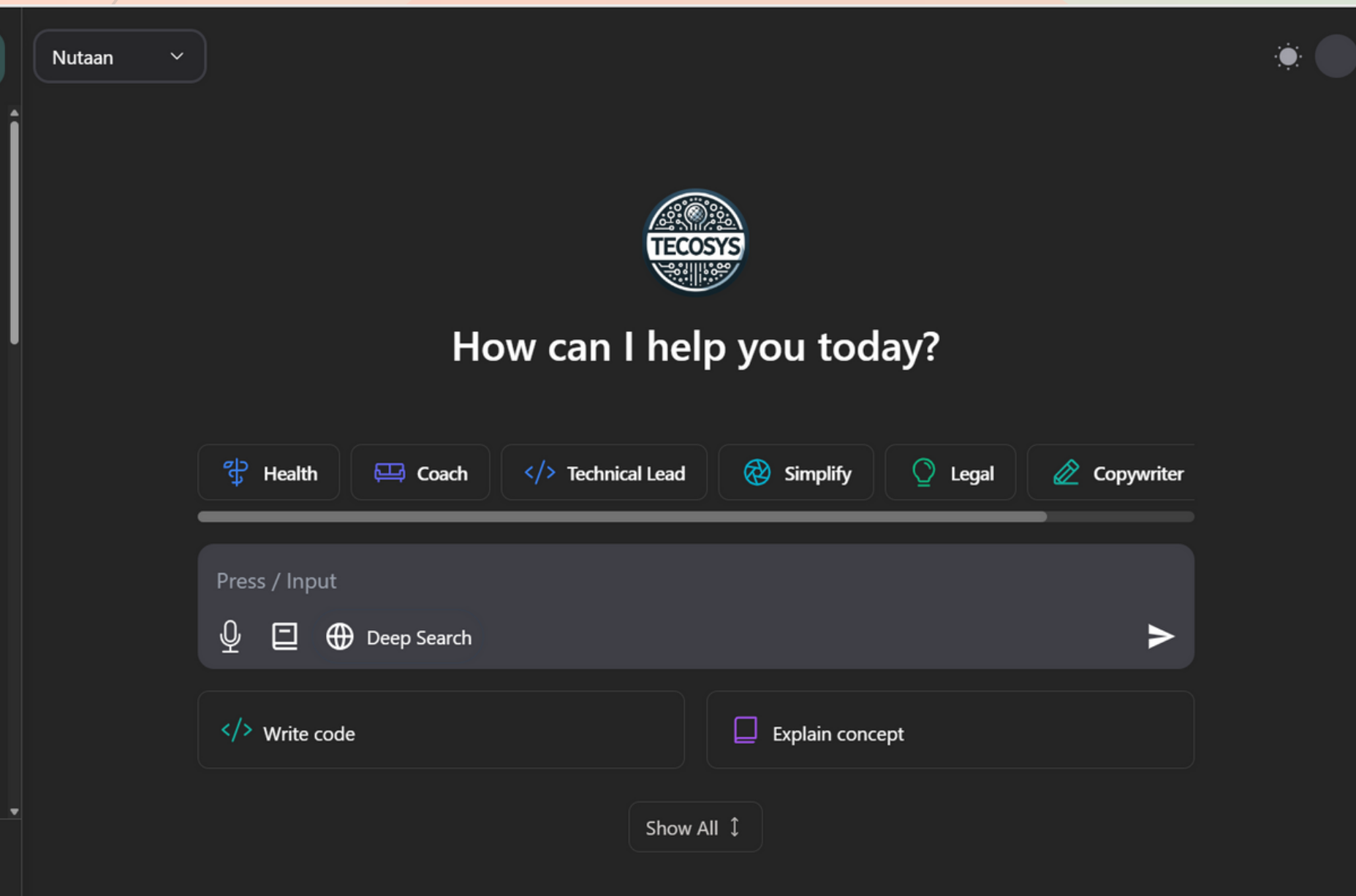
AI-Powered Claim Scrubbing

Detecting coding and documentation errors before submission to reduce denials.

05

Specialty-Specific Billing

Customized workflows for cardiology, radiology, orthopedics, and other high-value specialties.

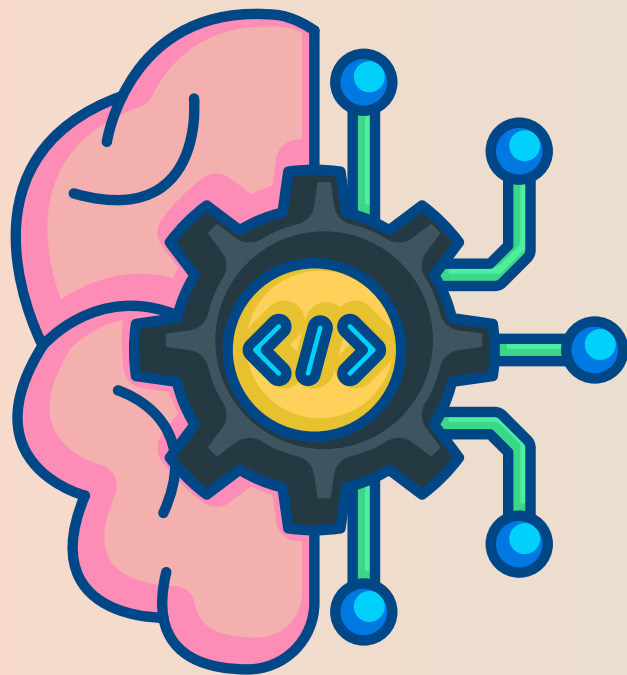


Introducing Nutaan AI

Nutaan AI is a next-generation, enterprise-level large language model **powered by Tecosys**. It is designed to address a broad range of enterprise challenges with its multi-step reasoning, agentic decision-making, and deep-searching algorithm. It leverages advanced AI algorithms along with open-source data to make AI accessible, scalable, and affordable for all enterprises.

How Nutaan was Trained?

Nutaan's training algorithms are different from those of other models—it requires less than \$200k to train the 20B-parameter model.



Zero Redundancy Optimizer (ZeRO)

It is an innovative technique to train the model in less memory.

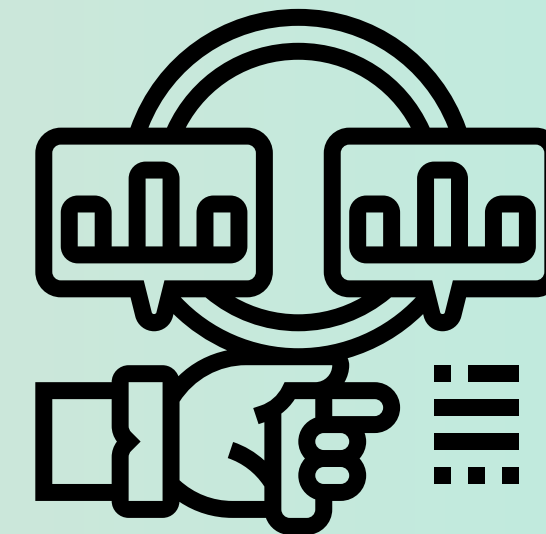
Model Distillation

This process involves training a smaller "student" model to replicate the behavior of a larger "teacher" model.

2.3%**Hallucination Rate****75%****Graduate Level Reasoning****71%****Self Correction Rate**

Model Benchmarks

Nutaan outperforms several model benchmarks, exhibiting a lower hallucination rate and higher accuracy.



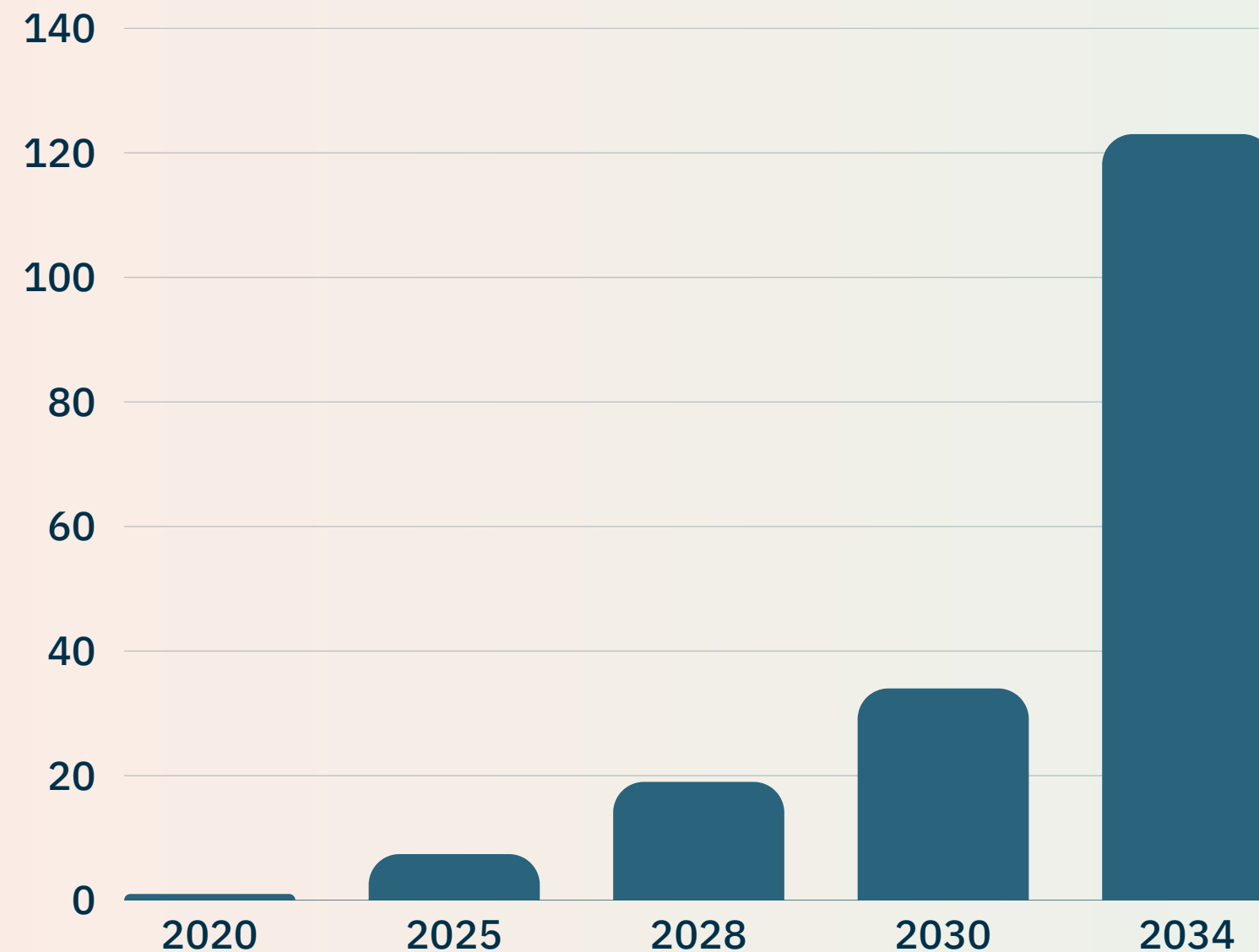
Head-to-Head: Comparing the Titans

Feature	OpenAI (GPT-4)	Google Gemini	Nutaan AI (2025)
Training Cost	~\$50M+	~\$60M+	<\$200K
Hallucination Rate	~7-15%	~10% (estimated)	2.3%
Self-Correction	Moderate	Limited	✓ (71%)
Transparency	Moderate	Partial	✓ Native Capability
Built-in Deep Search	Limited	Google Cloud ecosystem	Custom + Flexible
Enterprise Integration	API-based		Healthcare, Finance, Legal
Use Case Focus	General Consumer		
Memory Efficiency (ZeRO)	✗	Google Coud Only	Private & Domain-Specific
Custom LLM Hosting	Premium Tier	Google Cloud Only	

Competitive Advantage

 Advantage	 Metric/Description
 Deep Searching	Multi-step reasoning for instant insights
 Low Hallucination Rate	2.3%
 Graduate Level Reasoning	75%
 Self-Correction Rate	71%
 Cost-Effective Training	< \$200k for 20B model
 Innovative Training	Zero Optimizer & Model Distillation

Market Opportunity



Global Enterprise AI Market

- Valued at \$5.6B in 2024, projected to reach \$123.09B by 2034 (CAGR 35.92%).

Healthcare AI Market

- Expected to reach \$187.95B by 2030 (CAGR 37%).

Medical Coding & Billing Market

- Medical Coding Market: Valued at \$17.23B in 2023, projected to reach \$33.63B by 2028 (CAGR 14.3%).

Business Model

Product / Service	Revenue Model	Target Customers	Key Benefits
Nutaan AI – Enterprise LLM & API Solutions	API Licensing (Usage-based), Subscription	Enterprises in healthcare, finance, legal, and other regulated sectors	Domain-specific AI, lower hallucination rate, on-prem deployment
Nutaan Medical Coding & Risk Adjustment	SaaS Subscription (per user/month), Volume-based Pricing	Hospitals, clinics, RCM companies, healthcare providers	Faster coding, higher accuracy, maximized reimbursements
AI-based Medical Billing Automation	SaaS Subscription, Transaction Fee per Claim	Hospitals, clinics, physician groups, RCM providers	Reduced denials, faster payments, automated claim submission

Target Sectors

Approximately 42% of companies globally haven't started using LLMs, given over 300 million companies worldwide.



Cross-Industry Enterprises

- Domain-specific AI model deployment
- API integration for workflow automation
- Multi-step reasoning & deep search capabilities



Healthcare Providers

- AI-powered medical coding & risk adjustment
- Automated medical billing
- Patient management & engagement tools



Health Insurance Companies

Payers & Insurers

- Real-time claims data integration
- Pre-authorization automation
- Fraud detection & compliance checking

\$ 229.30 B**Total Addressable Market (TAM)****\$ 25 B****Serviceable Addressable
Market (SAM)****\$ 12.5 B****Serviceable Obtainable
Market (SOM)**

Size of the market

Our target regions are India, UAE & USA. USA's market size in 2025 is approximately USD 2.122 billion. India's market size is approximately $0.3 * 2.205 = \text{USD } 0.6615$ billion. Assuming the UAE has 20% of MEA's market, its market size is $0.2 * 0.3675 = \text{USD } 0.0735$ billion

Nutaan H-RAM (Indian Utility Patent : Published)

Application No: 202531051875

Humanised Reasoning and Memory Architecture – an AI system that mirrors human-like recall and contextual reasoning for enterprise-level decision-making.

Data Processing Device for Enterprise AI Systems (UK Patent - Granted)

Application No: 6449143

Strategic Reasoning and Deep Extraction Engine – an architecture for extracting complex insights and enabling real-time strategic responses.

Patent Applications – Advancing Enterprise AI

We're proud to announce two recent patent filings that mark a leap forward in enterprise AI innovation.

Revenue Projections Over Four Years

Product Portfolio	Year 1 Revenue	Year 2 Revenue	Year 3 Revenue	Year 4 Revenue	4-Year CAGR
Enterprise AI Solutions	\$85,000	\$2,800,000	\$8,200,000	\$12,500,000	291%
ArogyaNX Platform	\$65,000	\$1,900,000	\$5,200,000	\$7,800,000	244%
AI Medical Scribe	\$35,000	\$1,200,000	\$3,400,000	\$4,900,000	267%
Nutaan & Risk Adjustment	\$15,000	\$600,000	\$1,500,000	\$2,300,000	289%
TOTAL REVENUE	\$200,000	\$6,500,000	\$18,300,000	\$27,500,000	271%

Funding Requirements

Key Milestones	Funding Stage
40+ Pilot Customers	Pre-Seed (\$200K)
227+ Active Customers	Seed (\$2M)
580+ Customer Base	Series A (\$15M)
845+ Organizations	Series B (\$50M)

Meet the Team

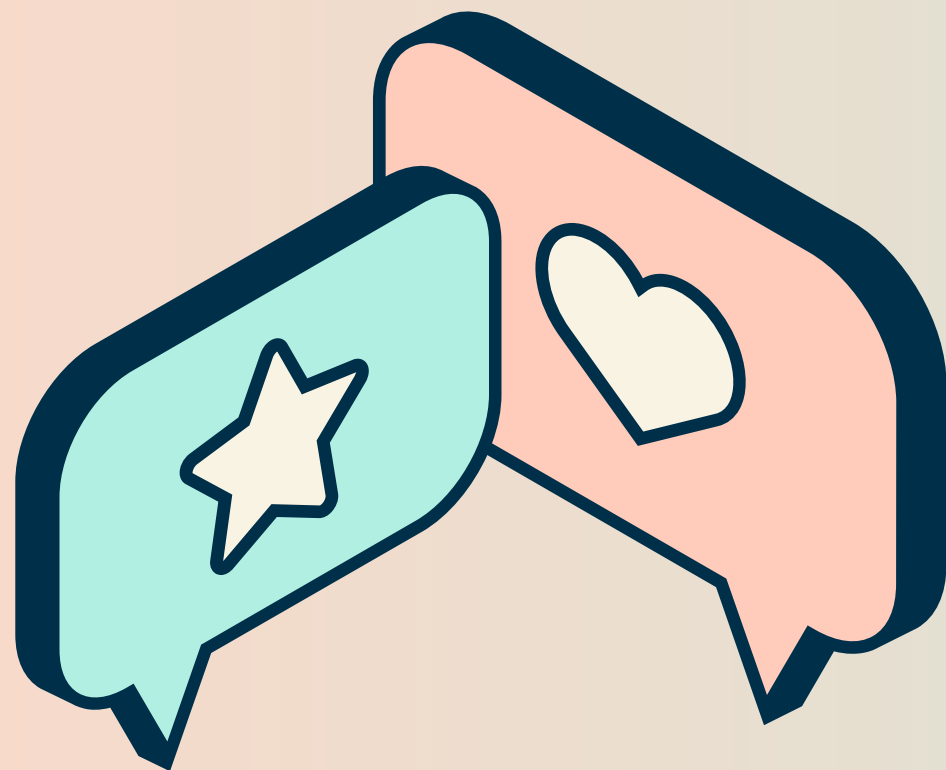


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