

Jatin Hans

I build the AI systems people actually keep using.

Lead Data Scientist • Dubai, UAE

Immediately available • UAE Golden Visa

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~29%

SEARCH PRECISION

More relevant results for AI agents, inside a sub-millisecond budget.

-90%

MANUAL ANALYSIS

Weeks of review-reading replaced by a ranked, evidence-linked action list.

40% → 23%

CUSTOMER CHURN

Measured against a permanent untreated holdout, on 5M+ customers.

EXPERIENCE

Nebius (acq. Tavily) Lead Data Scientist

Abu Dhabi • Oct 2025 - May 2026

AI infrastructure - the layer other teams build agents on.

- AI search relevance: the filtering layer that decides which results are worth putting in front of an AI assistant. ~29% more precise, no added latency, inside a sub-millisecond budget.
- Revenue platform: 1M+ records a day with CDC and SCD2 versioned history, powering leadership dashboards, forecasting and automated alerting.
- Twelve-month forecasting engine with 2x/3x scenario simulation for capacity and revenue planning, plus user-level prediction of month-end usage and spend.

Momos Lead Data Scientist (AI)

Abu Dhabi • May 2022 - Sep 2025

AI product - LLM products from prototype to production for multiple brand clients. Led teams of three to four.

- Automated customer replies: a guarded RAG agent that writes on-brand answers to public reviews and reliably refuses to touch the sensitive ones. Routine cases handled without a person; days to minutes.
- AI Insights: thousands of reviews turned into a ranked, evidence-linked list of what to fix. 90% of manual analysis time removed.
- LLM stack migration behind both, measured on a held-out set: 30% better accuracy at 60% lower cost.

Yum! Brands (acq. Kvantum) Lead Data Scientist

Delhi • Apr 2021 - May 2022

Marketing science - pricing backed by evidence, reporting into the Chief Analytics Officer.

- Menu pricing and promotions for Pizza Hut and KFC across Canada, Brazil and the UK: elasticity models, promotion evaluation, marketing mix modelling and the simulator the CAO's team actually used.

Kvantum Inc Senior Data Scientist

Delhi • Aug 2017 - Mar 2021

Marketing insights consulting - four years across CPG, retail and pharma.

- Customer retention: segmentation and uplift-based intervention that moved churn from 40% to 23% on a 5M+ customer base, measured against a permanent untreated holdout.
- Marketing mix modelling, attribution and cross-channel models for Coca-Cola, Ross Stores, Abbott, Kimberly-Clark, Reynolds and Garden of Life.

TOOLKIT

Applied AI & ML: LLMs, RAG, agentic systems, prompt engineering, forecasting, segmentation, uplift modelling, churn, price elasticity, marketing mix modelling, XGBoost, CatBoost, neural networks, SHAP

Data engineering: Python, SQL, PySpark, Snowflake, BigQuery, Databricks, Airflow, AWS Lambda, Azure Data Factory, Docker, FastAPI, CDC, SCD2, Tableau, Power BI, Omni

Search & measurement: BM25, hybrid retrieval, ranking and reranking, Elasticsearch, pgvector, evaluation harnesses, A/B testing, convex optimisation, simulation, Kalman filters

EDUCATION

Post Graduate Diploma, Applied Statistics IGNOU, Delhi

B.Tech, Computer Science Engineering GGSIPU, Delhi

CERTIFICATIONS

AI Agents in LangGraph · DeepLearning.AI

Building & Evaluating Data Agents · DeepLearning.AI