

Jatin Hans

I build the AI systems people actually keep using.

Lead Data Scientist • Dubai, UAE

Immediately available • UAE Golden Visa

Open to Lead / Principal data science and AI roles

hello@jatinhans.com • +971-562153900

jatinhans.com • linkedin.com/in/jatin-hans-ds

~29%

SEARCH PRECISION

Better results for AI agents, inside a millisecond.

-90%

MANUAL ANALYSIS

Weeks of review-reading became a ranked action list.

40% → 23%

CUSTOMER CHURN

Against a permanent untreated holdout, 5M+ customers.

3×

BUILT FROM ZERO

Data and AI functions stood up from nothing, three times.

EXPERIENCE

Nebius (acq. Tavily) Lead Data Scientist

Abu Dhabi • Oct 2025 - May 2026

AI infrastructure - the layer other teams build agents on. Sole owner, end to end.

- Revenue platform: stitched billing, CRM, deals and product usage into a single per-customer view in Snowflake - CDC and SCD2 versioned, 1M+ records a day.
- Twelve-month forecasting as an online model updated daily - month-end usage per segment plus a live revenue view of MRR, ARR and per-segment growth, with 2x/3x scenarios for capacity planning.
- AI search relevance: converted BM25 scores into a reranker-style confidence score and built a chunk-relevance layer with per-document summaries. ~29% more precise, no added latency, inside a sub-millisecond budget.

Momos Lead Data Scientist (AI)

Abu Dhabi • May 2022 - Sep 2025

AI product - LLM products from prototype to production for multiple brand clients. Built the AI function from zero and led the small team behind it.

- 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 - only technical member of a small team under the Chief Analytics Officer, pricing Pizza Hut and KFC across Canada, Brazil and the UK.

- Menu prices barely move, so elasticity had to be reconstructed: allocated combo, deal and offer prices down to individual items to recover a usable price signal from flat menu-price history.
- SKU-level demand models - own-price plus complement and substitute effects, inside store clusters that hold demographics constant - a wide neural network per SKU, with elasticities tracked over time.
- Delivered a pricing simulator: change any price, see modelled sales impact aggregated to category and size combos - the tool the CAO's team actually used for pricing decisions.

Kvantum Inc Senior Data Scientist

Delhi • Aug 2017 - Mar 2021

Marketing insights consulting - four years of cross-industry delivery across CPG, retail, pharma and QSR, as technical lead.

- 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, cross-channel models and market-basket analysis for Coca-Cola, Abbott, Ross Stores and Kimberly-Clark.

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

SELECTED SIDE WORK

Researcher · multi-agent deep research system

Every quote checked against its own page before any model is asked for an opinion. Pre-submission it scores 63.0 on DeepResearch Bench II - second on the board, 1.4 behind the leader - and 54.6 on RACE, both clear of every deep-research product OpenAI, Google, Perplexity and Grok ship.

EDUCATION

Post Graduate Diploma, Applied Statistics

IGNOU, Delhi

B.Tech, Computer Science Engineering

GGSIU, Delhi

CERTIFICATIONS

Nebius AI Leader Certification · Nebius Academy

AI Agents in LangGraph · DeepLearning.AI

Building & Evaluating Data Agents · DeepLearning.AI