Nivesh Kannan Elangovanraaj

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PROFESSIONAL SUMMARY

Data Scientist with 7 years of experience delivering $30M+ measurable impact across banking, e-commerce, and healthcare. Skilled in AI & ML workflows from data engineering and model development to deployment, monitoring, and business integration. Proficient in Python, SQL, R, Spark, and CI/CD tools. Experienced with LLMs, NLP, forecasting, and predictive modeling. Co-author of 6 published peer-reviewed papers. Recognized for cross-functional collaboration and building scalable, deployable, production-grade solutions.

PROFESSIONAL EXPERIENCE

Société Générale   **Bangalore, India**
Lead Data Scientist   **Jan 2023 – Sep 2025**

- Designed and deployed liquidity monitoring and **forecasting pipelines using ARDL & ARIMA models** in Kedro, integrated with CI/CD and supported by a data drift monitoring framework; contributed to improving Net Banking Income (NBI) by $27M over 2 years
- Automated Request for Proposal responses through an ML model for question similarity and **LLM-powered answer generation, with model evaluation** against expert-labeled responses to improve relevance and prompt accuracy; resulted in $500K annual NBI uplift, $250K in cost savings, and avoided 3 FTE hires across business units
- Developed and **deployed an ML-powered text parser** converting trading jargon from equities, options, and bonds into structured data with 95% precision; generated $750K in business value
- Orchestrated creation of organization-wide programming and project standards for data scientists, collaborating with multiple teams across 3 domains to reduce tech debt and bolster consistency through an internal scoring application
- Led a team of 3 data scientists, managing stakeholders and overseeing timelines, prioritizing, and executing projects on schedule

Flipkart   **Bangalore, India**
Senior Business Analyst   **Sep 2021 – Dec 2022**

- Built a driver model with **gradient boosting and sensitivity analysis** to link customer experience with operational metrics, quantifying feature impacts and uncovering process gaps; improved Net Promoter Score by 800 bps and generated $5M in value
- Applied analytics to optimize supply chain processes, enabling same-day installations for large appliances in metro cities; improved customer experience and generated $500K in annual savings.
- Directed Annual Operating Plan (AOP) strategy and defined key performance metrics; led weekly business reviews to surface actionable insights, enabling immediate business interventions

Mu Sigma   **Bangalore, India**
Decision Scientist   **Aug 2018 – Sep 2021**

- Conducted **HEOR-focused epidemiological studies** on real-world medical device data using statistical and causal inference methods (logistic regression, lasso, tree-based models, propensity score matching) to measure clinical outcomes
- **Published six peer-reviewed articles** generating real-world evidence for the medical devices industry in reputed medical journals and presented numerous posters at recognized industry conferences (ISPOR, ICPE)
- Assisted in the design of COVID-19 vaccine trials for the Janssen vaccine by performing analyses to determine optimal participant sample size for clinical trial design

SKILLS

Programming & MLOps: Python, R, SQL (PostgreSQL, MySQL, NoSQL), Spark, SAS, C++, GitHub Actions, Jenkins, CI/CD, Kedro
Statistics: Hypothesis Testing, A/B Testing, Statistical Inference, Regression, Time Series Forecasting, ANOVA, Multivariate analysis
ML & AI: Classification, Clustering, NLP, Ensemble model (Random Forest, XGBoost), Feature Engineering, Deep Learning (CNN, RNN)
Large Language Models: Prompt Engineering, LangChain, Transformers (Hugging Face), Embeddings, OpenAI API, Vector Databases
Business Intelligence & Visualization: Tableau, Power BI, R Shiny, Dash, Streamlit, Plotly, Matplotlib, Seaborn, Microsoft Excel

EDUCATION

UCLA Anderson School of Management   **Los Angeles, CA**
M.S. in Business Analytics (MSBA)   **December 2026**

- Prescriptive models, Data Management, Statistical foundations for analytics, and Business fundamentals for analytics

Anna University   **Chennai, India**
B.E. Electrical & Electronics Engineering   **April 2018**

- Transforms & partial differential equations, Object-oriented programming, Numerical methods for engineers

AWARDS & RECOGNITION

- Societe Generale: Employee of the Year Nominee (2024, top 10 org-wide), Team of the Year (2024), Star of the Quarter (2023)
- Flipkart: Instant Karma Award for analytical excellence during annual Big Billion Day Sale
- Mu Sigma: Spot Awards for operational excellence (2019, 2020, 2021) and Client Kudos for COVID-19 research collaboration