

Results-driven Data Analyst holding an MSc in Computer Science from Queen Mary University of London with 5+ years of combined experience in data analytics, Machine Learning, and operational data leadership. Proven track record of querying transactional databases with SQL, developing Power BI dashboards, and deploying Hugging Face NLP models to drive business outcomes—such as cutting procurement costs by 15% and optimizing retail inventory performance. Strong foundation in software engineering, database management, and predictive data modeling.

SKILLS

Tools and Languages	Python (Pandas, NumPy), SQL (PostgreSQL, MySQL), Power BI, C++, Git, DAX, LaTeX, Markdown
Data & Analytics	ETL Pipelines, Data Modeling, Time-Series Forecasting, Sentiment Analysis, Natural Language Processing (NLP), Hugging Face Transformers, Data Quality Assurance
Communication	English (Fluent), Hindi (Native), Stakeholder Management, Cross-Functional Team Leadership

TECHNICAL EXPERIENCE

Trading Manager <i>J Sainsbury's</i>	Jul 2022 — Aug 2026 <i>London, United Kingdom</i>
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- Built custom Power BI reports and queried store transactional data using SQL to track daily store P&L, sales trends, and labor efficiency metrics, directly enabling decisions that exceeded target budgets by 7.1%.
- Executed SQL queries to extract, clean, and aggregate transactional datasets across thousands of SKUs to identify localized buying patterns and inventory anomalies.
- Analyzed sales declines and inventory waste variances using customized SQL reports; designed automated markdown timing workflows that minimized store stock loss.
- Developed tracking dashboards in Power BI to monitor footfall trends and stock consumption during high-volume Wembley event days (sales surges up to £60k/day), optimizing staff and inventory allocation.
- Maintained 100% shrink driver compliance against a 95% regional benchmark by building daily tracking models to monitor risk thresholds across stock categories.

Data Analyst <i>Deep Punch</i>	Jul 2021 — Jul 2022 <i>Mumbai, India (Remote)</i>
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- Analyzed supplier performance metrics and material cost trends using Python and Excel for procurement operations, driving a 15% reduction in overall purchasing costs.
- Deployed real-time sentiment analysis and Named Entity Recognition (NER) models using Python and Hugging Face Transformers, reducing processing latency by 35%.
- Built custom Power BI dashboards for sourcing and finance teams, enabling real-time visibility into spend metrics and supporting strategic contract renegotiations.

E-Commerce Data Pipeline & Analytics Dashboard <i>Personal Portfolio Project</i>	2026 <i>Independent Project</i>
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- Designed an automated Python script to clean and ingest over 500,000 transaction records into a local database.
- Executed raw SQL queries (CTEs, Window Functions, NTILE) to compute customer Recency, Frequency, and Monetary (RFM) segmentation scores.
- Developed an interactive Power BI dashboard featuring custom DAX measures for YoY growth and revenue forecasting.

EDUCATION

Master of Science in Computer Science , <i>Queen Mary University of London</i> <i>Coursework:</i> Machine Learning, Data Analytics, Natural Language Processing, Distributed Systems.	2021 — 2023
Bachelor of Engineering in Computer Engineering , <i>University of Mumbai</i> <i>Coursework:</i> Database Management Systems (DBMS), Operating Systems, Artificial Intelligence.	2017 — 2021

ACTIVITIES

Major Event Operations Lead: Wembley Stadium Event Management (Sainsbury's)	2022 — 2026
Cross-Store Data Support & Collaboration: Regional Operations Group	2023 — 2026