

PRANEET SIVAKUMAR

Data Analyst | SQL · Power BI · Python · Excel | MSc Data Science (Distinction)

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Portfolio: praneetsivakumar.com

SUMMARY

Most analysts meet data on a screen. I met it on the shop floor: two years at Tesco and M&S, where every cancelled order, empty shelf and long queue becomes a number in someone's report. I earned an MSc in Data Science with Distinction while working shifts, and during a six-month internship at Atheon Analytics I wrote SQL on a live database and reconciled the sales, revenue and cost figures the business reported on, chasing every mismatch back to its cause. I'm early in my career, hungry to learn and quick to pick up new tools. Give me a messy dataset and a real business question, and I'll come back with an answer you can trust.

SKILLSET

- SQL & Data:** SQL (joins, CTEs, window functions), ETL, PostgreSQL – used daily on a live database at Atheon
- Reporting & BI:** Power BI (Power Query), Excel (pivot tables, XLOOKUP), Tableau – Atheon dashboards, retail project
- Python:** Pandas, NumPy – data cleaning, automation, data quality checks and forecasting
- Ways of working:** reconciliation, root-cause analysis, data storytelling, explaining data to non-technical colleagues

DATA EXPERIENCE

ATHEON ANALYTICS LIMITED

Jan 2026 – Jun 2026

Data Analyst Intern

Milton Keynes, UK (Hybrid)

My first analyst role had one mission: make sure the numbers that clients and the finance team relied on were right.

- Messy data, live database:** wrote SQL to extract, clean and load data from a live database (ETL), adding validation checks at every step so each report started from data the team could trust.
- A report still built by hand:** helped turn it into a live Power BI dashboard, cutting reporting time by about 30%, and tested every figure against the database before anyone saw it.
- Two systems, two different answers:** when sales, revenue and cost figures didn't match, traced each gap back to its source and fixed it before the numbers were shared.
- Hours lost to repeat work:** wrote Python (Pandas) scripts to merge data sources, automate routine steps and flag wrong or missing values automatically.
- Numbers nobody acts on are wasted:** presented findings to managers and non-technical colleagues in plain English, always ending with a clear recommendation.

BYVAL TECHNOLOGIES INDIA PVT. LTD.

Jan 2024 – Aug 2024

Software Development Intern (Data Pipelines)

Coimbatore, India (Hybrid)

Where I learned that data must be reliable before it can be analysed.

- Built Python scripts that combined data from 3+ systems, cutting manual processing by about 25%.
- Optimised SQL on 100,000+ record datasets and helped build data pipelines and API ingestion.

RETAIL EXPERIENCE

MARKS & SPENCER

Oct 2026 – Present

Customer Assistant, In-Store Bakery

London Colney, UK

- Every morning is a forecasting problem:** bake and display fresh products to the daily bake plan, balancing full shelves against end-of-day waste, while keeping date, quality and food safety standards.

TESCO

Oct 2024 – Oct 2026

Customer Fulfilment & Service Assistant (part-time during MSc and internship)

Hatfield, UK

Where retail data is created: two years of shifts alongside my MSc and internship.

- Picked online orders, worked tills and stocked shelves in a team of 10+, where one missing item means a cancelled order; trained new starters.
- Kept asking why orders got cancelled, a question that became my retail analysis project.

PROJECT

RETAIL ORDER CANCELLATION ANALYSIS · Python, Tableau, Excel

Apr 2026 – May 2026 · github.com/Prani8

The question from my shop floor: why were 1 in 13 online orders cancelled? (sample retail dataset)

- Cleaned and analysed 15,000+ transactions (£72k revenue, 8 stores) and traced the highest cancellation rate to Health & Beauty (10%).
- Found loyalty-card members spend 8% more per order and December runs 21% above average; built a 5-view Tableau dashboard with stock and promotion recommendations.

EDUCATION

UNIVERSITY OF HERTFORDSHIRE

Sep 2024 – Sep 2025

MSc Data Science – Distinction

Hatfield, UK

Dissertation: predicting client behaviour with SQL, Python (scikit-learn) and a Power BI decision dashboard.

SNS COLLEGE OF TECHNOLOGY

Aug 2020 – Apr 2024

BEng Computer Science and Engineering – CGPA 8.58/10 (First Class equivalent)

Coimbatore, India

Certification: AWS Certified Solutions Architect – Associate