

PROFESSIONAL SUMMARY

Analyst with 1.5+ years of hands-on experience delivering data validation, KPI monitoring, financial reporting and stakeholder-facing administration. Proven ability to maintain central data systems, prepare management information, and support trading / category teams with accurate pricing, promo and turnover analysis. Highly numerate, advanced Excel & Power BI user, proficient in SQL and Python; strong track record of reducing manual effort via automation and delivering clear reports that support commercial decisions

EXPERIENCE

Jr. Data Science Developer - aYc analytics

April 2025 – Aug 2025

- Ensured high-quality product, pricing, and promotional datasets by running automated validation checks and resolving data issues before they entered central systems
- Supported category and business teams with structured reports, dashboards, and performance insights used for pricing decisions, turnover analysis, and testing outcomes
- Collaborated with internal stakeholders to troubleshoot data discrepancies, support testing cycles, and maintain accurate inputs for downstream reporting and P2P-linked processes

Jr. Data Analyst, Maxamtech Digital Ventures

June 2024 – March 2025

- Performed daily reconciliation of transaction, pricing, and promotional data using SQL, ensuring accurate turnover reporting and smooth trading operations
- Produced KPI dashboards, performance summaries, and promo-impact reports for trading and category teams, supporting data-driven commercial decision-making
- Coordinated with cross-functional teams to resolve configuration issues, maintain clean product/promo data, and ensure reliable inputs for invoicing, budgeting, and P2P tracking

PROJECTS

Optimized Bonus Allocation (Machine Learning)

- Analyzed bonus distribution patterns using research-backed methods and dataset evaluation to design a more efficient and fair allocation strategy aligned with commercial KPIs
- Built a machine learning model using a synthetic dataset to optimize allocation decisions, projecting improved turnover efficiency with a ~10% margin increase and ~20% revenue lift—supporting data-driven commercial planning
- Created a Power BI dashboard to visualize allocation impact, monitor KPIs, and enable stakeholders to make informed decisions similar to category planning and promotional evaluations

Suvi - Smart Upload & Validation Interface

- Developed backend logic using Python and FastAPI to automate data loading, cleaning, and validation with schema mapping—ensuring high data accuracy similar to maintaining SAP/ESO master data
- Implemented automated error handling and flexible validation rules, reducing manual checks and supporting reliable product, pricing, and promo-related data entry
- Integrated with SSMS to streamline ingestion pipelines, improving consistency across central systems and enabling smoother reporting and MI preparation for trading teams

Phishing Detection System Using Hybrid ML Algorithm

- Developed a robust hybrid ML model with real-time detection to enhance phishing identification and ensure compliance with governance frameworks
- Applied advanced statistical techniques and predictive modelling to detect phishing trends, optimizing system performance through iterative error analysis
- Built an automated phishing detection system using Python, SVM, Random Forests, Streamlit, and Flask to enable scalable deployment and improve detection accuracy with Key Risk Indicators

Bindas - Business Intelligence & Data Analysis System

- Engineered ETL pipelines to centralize and validate product, pricing, and operational datasets, supporting

- accurate decision-making for trading and category teams
- **Developed** predictive and analytical modules that generated automated management information (MI), improving visibility into performance KPIs and turnover metrics
- **Designed** reporting workflows that mirrored real-world trading support operations, enabling teams to monitor pricing impact, promotions, and product movement seamlessly

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Sales Management Dashboard | Power BI & Python

- **Built** an interactive dashboard to analyze product performance, pricing trends, promotional outcomes, and regional sales movement, supporting trading/category teams with clear MI
- **Automated** the data extraction, cleaning, and validation using Python (Pandas, NumPy) to ensure accuracy of inputs feeding pricing, promo, and turnover-related reports
- **Added** dynamic drill-downs (date, category, region) enabling detailed evaluation of product changes and promo planning
- **Integrated** forecasting logic to predict sales trends, facilitating better planning for pricing actions, offers, and inventory decisions

Raw Material Price Forecasting Using Time Series Analysis

- Implemented advanced Quadratic ARIMA, SARIMA, and Exponential Smoothing models to predict raw material prices accurately, leading to cost reduction through optimized procurement strategies
- Preprocessed data in SQL and established a seamless connection between the SQL database and Python to enhance efficiency in model building and data utilization.
- Achieved a highly accurate Mean Absolute Percentage Error (MAPE) of 0.027 by applying time series analysis techniques, demonstrating expertise in data-driven decision-making

SKILLS

Core Functional Skills : Trading support & operations - Pricing & promotional analysis, Product setup & data maintenance, Turnover & performance reporting, P2P support (invoice data checks, budget tracking), Data validation & quality control, Master data management (SAP/ESO-equivalent workflows), Reconciliation & discrepancy resolution, MI (Management Information) reporting, Commercial & numerical analysis

Technical Skills : SQL (MySQL, MSSQL, SSMS), Python (Pandas, NumPy, scikit-learn), Power BI (DAX, dashboards, KPI reporting), AWS QuickSight, Advanced Excel (Pivot Tables, VLOOKUP / HLOOKUP, data models), FastAPI (backend automation), ETL pipeline development, Jupyter Notebook, Git/GitHub, Postman, Data modelling & preprocessing

Tools & Systems: SAP / ESO concepts, ROSIplus, SSMS / DBeaver, AWS (EC2, S3, RDS), Tableau (basic), PowerPoint & Reporting tools

Analytical & Business Skills : KPI tracking & analysis, Forecasting & predictive insights, Issue root-cause analysis, Dashboard building & automation, Requirement gathering & documentation, Stakeholder & vendor coordination, Project testing support (planning, execution, control)

Soft Skills : Strong communication, Relationship management, Team collaboration, Problem-solving & critical thinking, High attention to detail, Time management & task prioritization

Language : German (A1), English - IELTS (overall 7), Hindi (Native) , Marathi (Native)

EDUCATION

CERTIFICATION

- State University of New York (SUNY)- Diploma in AI
- NASSCOM - Certificate Course on Data Science
- IELTS(International English Language Testing System) - Overall 7 band
- Microsoft and LinkedIn - Career Essentials in Generative AI
- 360digitmg - Professional Program on Data Science and AI
- Indian Institute of skill development training - certificate in database management
- TIJER (Author) - Phishing Detection System Using Hybrid ML Algorithm
- Accenture - Digital Skills in Artificial Intelligence
- NPTEL - Enhancing Soft Skills and Personality
- Brain O Vision - Data Science Hackathon