GANESH TAWDE

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SKILLS

Python, R, SQL, Java, JavaScript, HTML, CSS, VBA, Data Processing, Statistical Modeling, Machine Learning (Supervised/Unsupervised, CNNs), Time Series Analysis, Generative AI, GCP, BigQuery, Snowflake, Databricks, AWS, Tableau, Power BI, Excel, Access, Bloomberg, JIRA, Monday.com, Process Automation, Resource Planning, Stakeholder Management, Product Development Lifecycle (PDLC), Journey Mapping, API Integrations, and Time, Cost & Quality Optimization.

EDUCATION

Master of Science in Data Analytics   **Grade**: Distinction
Diploma in Data Science   **Grade**: Merit
Bachelor of Engineering in Information Technology   **Grade**: Distinction

EXPERIENCE

Operations - Team Leader   *Apr 2025 – Present*
atis   London, UK
- Designed and implemented a **Python script** to clean and aggregate POS sales data, reducing manual reporting time by 70%.
- Developed a **Tableau dashboard** to track conversion rates, peak hours, and basket size, enabling targeted staffing and promotions, increasing average order value by 15%.
- Conducted **customer behavior analysis** using transaction-level data from Google Sheets exports, uncovering product bundling opportunities that grew upsell revenue by 12%.
- Automated inventory reconciliation using Excel and logic-based conditional formatting, cutting overstock losses by 30%.
- Helped the team identify and create high-performing product bundles using sales data trends, leading to a 14% increase in upsell conversion over 3 months.

Operations - Team Leader   *Feb 2024 – Mar 2025*
GAIL's   London, UK
- Built custom **Google Sheets analytics models** to monitor waste, stock turnover, and per-item profit margins; insights drove a 20% increase in top-performing SKUs.
- Integrated Zendesk ticket data with store feedback metrics to identify and reduce recurring service issues, improving CSAT by 13% quarter-over-quarter.
- Used **data visualisation tools** to create weekly insight snapshots for leadership, helping prioritize menu changes and shift allocation.
- Conducted exploratory data analysis on weekly sales reports to detect underperforming SKUs, leading to a 17% reduction in spoilage.
- Created a semi-automated rota builder in Excel, factoring in staff availability and forecasted traffic, cutting scheduling conflicts by 40%.

Software Engineer   *Oct 2021 – Aug 2023*
Tata Consultancy Services Limited   Mumbai, IN
- Developed internal tools using **Python**, **SQL**, and **Flask** that allowed front-office teams to generate real-time downloadable CSV reports, reducing manual requests by 70%.
- Built a **web-based dashboard** (HTML, CSS, JavaScript, Flask) for visualizing risk metrics and trade exceptions, used daily by 150+ traders and operations staff.
- Automated reconciliation processes by integrating multiple APIs to fetch, validate, and merge data from clearing systems, cutting processing time from 4 hours to 30 minutes.
- Created data cleaning scripts in Python to standardize counterparty, instrument, and trade data, reducing errors by 40%.
- Designed a reusable Python module for generating scheduled data extracts, supporting multiple business units and reducing repetitive development effort by 40%.

Assistant Software Engineer   *Mar 2021 – Sep 2021*
Tata Consultancy Services Limited   Mumbai, IN
- Built internal data quality and validation scripts in **Python** to audit policyholder and claims datasets, identifying over 5,000 inconsistencies and improving data accuracy.
- Developed lightweight **web tools** using HTML, CSS, and JavaScript for non-technical users to submit data requests and automate file generation.
- Created scheduled **ETL scripts** using Python and SQL to clean and aggregate customer data, enabling ready-to-use CSV insights for underwriters.
- Created SQL views by joining data from multiple sources to build clean, analysis-ready datasets for visual exploration in **Tableau**.
- Collaborated with analysts and actuarial teams in **Agile sprints** to define logic, clarify expectations, and deliver tools aligned with business needs.