# GANESH TAWDE

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## SKILLS

**Technical Skills:** Python, SQL, R, Java, JavaScript, HTML, CSS, Data Processing, ML (Supervised/Unsupervised, CNNs), Statistical Modeling, GCP, BigQuery, Tableau, Power BI, Excel (Advanced), Access, Bloomberg, Time Series Analysis.

## EDUCATION

**Master of Science in Data Analytics** | Queen Mary University of London    **Grade**: Distinction
[Diploma in Data Science](#) | Indian Institute of Technology Madras    **Grade**: Merit
**Bachelor of Engineering in Information Technology** | University of Mumbai    **Grade**: Distinction

## EXPERIENCE

**Operations - FOH 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.