

GARVIT MITTAL

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PROFESSIONAL SUMMARY

MS Business Analytics & AI student with hands-on experience translating operational, financial, and sales data into actionable reporting, dashboards, and forecasting models. Proficient in SQL, Python, R, Power BI, Tableau, and Excel, with a track record of delivering KPI dashboards, automating reporting workflows, and supporting data-driven decision-making across business, finance, and operations contexts.

EDUCATION

MS, Business Analytics & Artificial Intelligence Expected May 2027
The University of Texas at Dallas | GPA: 3.44/4.0
Relevant Coursework: Data Analytics, Advanced Statistics, A/B Testing, Applied Econometrics, Operations Management

BBA (Hons.), Finance May 2025
Christ University, Bangalore, India

TECHNICAL SKILLS & CERTIFICATIONS

Query & Programming: SQL (Joins, CTEs, Window Functions, Stored Procedures), Python (Pandas, NumPy, Scikit-learn), R

BI & Visualization: Power BI (DAX), Tableau, Excel (PivotTables, Power Query, VBA)

Analytics Methods: Forecasting & Regression Modeling, A/B & Hypothesis Testing, Customer Segmentation, Variance Analysis, KPI Dashboard Development, ETL & Data Cleaning, Reporting Automation, Trend Analysis

Business & Finance: Financial & Operational Reporting, FP&A Support, Root-Cause Analysis, Reconciliations, Stakeholder Communication, Data Storytelling

Certifications: Data Science & Business Analytics (Univ. of Maryland) | Power BI (Udemy) | Tableau Desktop Specialist | Economics & Sustainability (Wayland Baptist)

PROFESSIONAL EXPERIENCE

Business Analyst | JityAI Jan 2025 – Aug 2025

- Performed SKU-level pricing and demand analysis for retail clients, building time-series forecasting models in Python and interactive dashboards in Power BI and Tableau to support inventory allocation and product-mix decisions.
- Developed and validated regression and time-series models on sales velocity, margin, and product-mix data; improved forecast accuracy by 15–20% over initial benchmarks through feature engineering and iterative model tuning.
- Translated model outputs into structured pricing and inventory scenario reports for stakeholder review, supporting product roadmap prioritization and establishing standardized reporting workflows for the organization.

Operations & Business Analyst | Harsiddhi Foods Pvt. Ltd., India Apr 2025 – Jul 2025

- Analyzed 20,000+ procurement, production, and export records in SQL and Excel to identify cost variances and supplier pricing gaps; delivered findings in quarterly business reviews that directly informed gross margin decisions.
- Developed a regression-based demand forecasting model using 12 months of sales and procurement data, improving inventory planning accuracy by 15% and reducing stockout and overstock incidents.
- Conducted product-line contribution margin and cost-allocation analyses to identify key operational cost drivers; presented results through Power BI dashboards to senior leadership during supply chain reviews.
- Automated vendor payment and accounts receivable reconciliation reports using Excel Power Query and VBA, reducing monthly close time by 25% and standardizing reporting formats across the finance team.

Accounts & Audit Trainee | Dipankar Gupta & Co., India May 2024 – Jun 2024

- Reviewed and reconciled financial records across multiple client portfolios in Excel; standardized data-validation checklists and review workflows to improve accuracy and reduce manual errors in client deliverables.
- Performed compliance checks and data-quality audits on 30+ client document sets, identifying discrepancies and flagging issues for audit review and resolution.
- Built automated Excel templates using dynamic formulas and PivotTables, cutting recurring report preparation time by 20%; templates were adopted across the team for standard client engagements.

ANALYTICS PROJECTS

ML-Powered Warehouse Operations Decision System | Python, SQL, R, SHAP

- Built an end-to-end ML decision system on ~53,000 supply chain records using Facebook Prophet, XGBoost, and Gradient Boosting ($R^2 = 0.874$), backed by a 5-table MySQL schema and validated with 6 statistical tests in R.
- Applied SHAP to identify key cost drivers (\$2,286/disruption hour) and confirmed an 89% morning-night throughput gap - translating findings into staffing recommendations projecting \$840K+ in annual savings.

SQL Database Design & KPI Dashboard | SQL, Power BI, DAX

- Designed a normalized relational schema and wrote optimized queries using JOINS, CTEs, and window functions, improved data retrieval performance through strategic indexing and stored procedures.
- Built rolling-revenue metrics and multi-period KPI dashboards in Power BI with DAX measures, enabling stakeholders to track performance trends and reduce reliance on manual data pulls.