NISHIT MAVANI

Dallas, TX 75007 | 940.758.0839 | nishitmavani555@gmail.com | linkedin.com/in/nishit-mavani

PROFESSIONAL SUMMARY

Data-driven Business Analyst with hands-on experience building pricing, sales, and inventory reporting, and a background in Power BI dashboards, SQL-based analysis, and Python-driven root-cause analysis in manufacturing environments. M.S. in Information Technology & Management from UT Dallas. Skilled at translating raw data into actionable insights for leadership and cross-functional stakeholders.

EDUCATION

The University of Texas at Dallas — Richardson, TX
Master of Science in Information Technology & Management — May 2025
Gujarat Technological University — Gujarat, India
Bachelor of Engineering in Instrumentation & Control — May 2022

TECHNICAL SKILLS

Programming & Query Languages: Python, SQL, C, HTML
Analytics & BI Tools: Power BI, Tableau, Adobe Analytics, Google Analytics, R, Advanced MS Excel
Software & Systems: MATLAB, CODESYS, MySQL, Minitab, ERP systems, MS Office
Languages: English, Hindi, Gujarati

PROFESSIONAL EXPERIENCE

Luvansh LLC New York, NY
Business Analyst *July 2026 – Present*

- Build pricing, sales, and inventory reports using a mix of Excel/Google Sheets, Power BI, and SQL, supporting data-driven decisions for both leadership and the sales team
- Track and analyze sales and inventory trends across the product catalog to support pricing and stocking decisions
- Deliver recurring reporting to leadership and sales stakeholders, translating raw sales and inventory data into actionable business insights

Exponent Assembly Carrollton, TX
Product Test Analyst *October 2025 – June 2026*

- Monitored SMT and through-hole PCB assembly processes across multiple electro-mechanical production lines, ensuring consistent compliance with IPC-A-610 workmanship standards
- Executed functional and in-circuit testing on power electronics assemblies, validating electrical performance against design specifications prior to customer release
- Maintained end-to-end traceability of PCB assemblies throughout the production lifecycle using ERP systems, ensuring full compliance with customer quality requirements and audit readiness
- Generated failure analysis reports — including Pareto charts, defect trend analysis, and corrective action summaries — to drive faster customer complaint resolution and inform process improvements

SVTRONICS, INC. Plano, TX
Data Analyst Intern *May 2024 – May 2025*

- Built interactive Power BI dashboards to monitor key manufacturing KPIs, giving cross-functional stakeholders real-time visibility into production performance
- Conducted SQL-based spend analysis across active Bills of Materials (BOMs), surfacing procurement cost-reduction opportunities for stakeholder review

PROJECTS

Waste-to-Energy & Recycling Dashboard — Personal Project

- Built an interactive Power BI/Excel dashboard analyzing waste volumes, recycling rates, and energy recovery/conversion potential by area, zone, and type using a publicly available dataset
- Cleaned and structured raw data, then designed visualizations to surface patterns in waste distribution, recycling performance, and opportunities for converting waste into renewable energy

WORK AUTHORIZATION

Authorized to work in the U.S. on F-1 Visa / STEM OPT — eligible for internship and full-time employment for up to 36 months without employer sponsorship.