PALLAVI PAREEK

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Portfolio: pallavipareek.github.io/Pallavi_Portfolio/ | GitHub: github.com/PallaviPareek/

SUMMARY

Data professional with 2 years of experience in data modeling, database management, and BigQuery at Airbus. Skilled in building automated ETL/ELT pipelines and datasets using Python and SQL. Experienced in delivering KPI insights through Power BI dashboards. Seeking early-career data roles aligned with my skills and open to relocation.

WORK EXPERIENCE

KLN Advisory Services LLC — Dallas, TX
Data & Analytics Engineer Intern — Aug 2025 - Present

- Built Power BI dashboards for 4+ subsidiaries using DAX, Power Query, and Excel models to deliver product-level KPIs, customer insights, and sales performance reports.
- Scraped 4+ vendor platforms using Python and loaded 1,000+ finalized product records into WooCommerce for Daisy Doodle's live e-commerce catalog.
- Managed and validated data flows between WooCommerce, QuickBooks, Clover POS, and ShipStation, ensuring reliable sales, inventory, and fulfillment reporting.

Airbus Group India Private Limited — Bengaluru, India
Associate Systems Engineer — Aug 2022 - Dec 2023

- Engineered and optimized the Airbus Review Tool for 5,000+ users by implementing advanced SQL, redesigning stored procedures and backend logic to improve data accuracy and query performance.
- Managed and monitored 4+ production PostgreSQL/MySQL databases by validating server-portal data transfers and diagnosing issues through cron and Linux terminal log analysis.
- Improved database and system performance by applying table normalization, indexing, and query optimization, and resolved 100+ ServiceNow incidents to restore data access for legacy ADB/DQC workflows.
- Developed and maintained internal tools and dashboards using SQL, PHP, JavaScript, and AJAX to support data access, reporting, and process automation.

SKILLS

Programming & Data: Python (Pandas, NumPy, Matplotlib), SQL, DAX, Data Modeling, ETL/ELT, Data Validation, Data Quality Optimization, Machine Learning (scikit-learn, Regression, Classification, Model Metrics)
Databases & Cloud: MySQL, PostgreSQL, BigQuery, Hadoop, Apache Spark, Google Cloud Platform (BigQuery, Cloud Storage), AWS (S3, EC2, Lambda)
Visualization & Automation: Power BI, Tableau, Looker Studio, Excel (Pivot Tables, Power Query), Power Automate, Git/GitHub, Jira, Linux (Log analysis, Cron job monitoring)
Web & Design: HTML, CSS, JavaScript, React, jQuery, Bootstrap, PHP, AJAX, WordPress/WIX, Figma, Adobe XD

PROJECTS

Marketing Inventory Management System – UNT Library Marketing Office — Jul 2025

- Designed a QR-enabled demand workflow for staff to request marketing assets, logging and structuring requests for centralized admin processing.
- Automated inventory tracking and alerts using Power Automate, reducing manual operations by 80%. Enabled real-time stock visibility and availability updates for accurate request fulfillment.

EDUCATION

University of North Texas, Denton, TX — GPA - 4.0/4.0
Master of Science (M.S) – Data Science — Expected - Dec 2025
Relevant Coursework: Fundamentals of Data Analytics, Introduction to Big Data and Data Science, Data Visualization

LEADERSHIP, ACTIVITIES & CERTIFICATIONS

- Graduate Ambassador – Women in Computing, UNT (2025); Microsoft Learn Student Ambassador – GMRIT (2020–22)
- **Certifications:** AWS Cloud Practitioner Essentials; Microsoft Excel: Beginner to Advanced (Udemy/LinkedIn Learning), and Power BI Specialist (LinkedIn Learning)
- **Awards:** Outstanding Student Assistant Award, University of North Texas (2025); Mary D. Walsh Endowed Scholarship, UNT (2024–2025); Merit Scholarship Award, GMR Institute of Technology (2018–2022)