

Professional Summary

Data Analyst / Cloud Data professional with hands-on experience in Azure, SQL, Python, and BI tools. Skilled in ETL, data modelling, EDA, and visualization to drive actionable insights. Certified in Microsoft Azure (AZ-900, AZ-104) with a track record of delivering analytics projects and dashboards for real-world datasets.

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Tableau
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Azure (Azure Databricks, Azure Data Lake Storage Gen2, Azure Synapse Analytics)
- Statistics (Descriptive Statistics, Probability, Hypothesis Testing, A/B Testing)
- Microsoft Power BI

Projects

- DATA SCIENCE JOB MARKET EDA – Personal Project** August 2025
- Utilized Python and SQL to scrape and analyze 1M+ U.S. job postings to identify analytics hiring trends
 - Implemented Regex techniques to comb through the job descriptions and identified the key requirements
 - Aggregated and visualized insights using Power BI to highlight salary ranges, hiring hotspots, and skill gaps
- VENDOR PERFORMANCE ANALYSIS– RETAIL INVENTORY & SALES–Personal Project** June 2025
- Built SQL ETL pipeline and summary tables from multiple sources, reducing processing time for 10M+ rows via CTEs and filter
 - Performed EDA and hypothesis testing in Python to evaluate vendor profitability and inventory turnover
 - Identified \$2.71M in unsold inventory and 65.7% vendor concentration, recommending diversification strategies
 - Created Power BI dashboards showing 72% cost reduction through bulk purchasing and vendor performance KPIs
- WORKFORCE ANALYTICS & REPORTING – Personal Project** December 2024
- Built an end-to-end HR Analytics project using MySQL, designing schema and using SQL (CTEs, window functions, JOINS)
 - Analyzed HR metrics—headcount, attrition, diversity, performance, promotions, and salary trends—to generate insights
 - Created a production-ready aggregated view (hr_dashboard_view) for integration with Power BI and Tableau dashboards
- HOTEL BOOKING ANALYSIS– Personal Project** July 2024
- Performed EDA on 2015–2017 hotel booking data using Python (Pandas, Matplotlib, Seaborn)
 - Analyzed factors driving ~37% cancellations, including ADR, seasonality, hotel type, and booking channels
 - Built Power BI dashboard to visualize bookings, revenue trends, cancellations, and provide pricing recommendations

Work Experience

- INDEPENDENT PROJECTS & SKILL DEVELOPMENT** January 2024 - Present
- Completed Microsoft Azure certifications (AZ-900, AZ-104) demonstrating cloud data and analytics skills
 - Designed star schema models and ETL pipelines for 100K+ row datasets, automating KPI reporting across three domains
 - Built Power BI and Tableau dashboards, cutting manual reporting by 40% and speeding decision-making
 - Conducted EDA and statistical analysis to uncover pricing and inventory trends, enabling projected 15% savings
- GRADUATE ENGINEER TRAINEE (AZURE SQL DBA) – HCL Technologies, Noida** October 2022 - December 2023
- Optimized Azure SQL performance using advanced scripts and CTEs, improving query speed by 15% and reducing downtime.
 - Enhanced indexing and partitioning strategies, cutting ticket resolution time by 20% and boosting client satisfaction.
 - Authored 10+ SQL troubleshooting guides, reducing support inquiries by 10%.
 - Conducted SQL/Python-based diagnostics to improve data reliability and minimize downtime by 10%.

Education

B.TECH IN COMPUTER SCIENCE AND TECHNOLOGY– SRM University, Delhi-NCR
Specialization in Data Science & AI– IBM Collaboration

Aug 2022