

## Professional Summary

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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

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- 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

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### **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

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### **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

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### **B.TECH IN COMPUTER SCIENCE AND TECHNOLOGY – SRM University, Delhi-NCR**

Aug 2022

Specialization in Data Science &amp; AI – IBM Collaboration