

AKASH U

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Professional Summary

Junior Data Analyst pursuing a B.E. in Electrical and Electronics Engineering with strong numerical reasoning and analytical skills. Fluent in English with hands-on experience in Python, SQL, Power BI, Excel, and Tableau. Skilled in building ETL pipelines, transforming datasets, and developing interactive dashboards. Experienced in data cleaning, modeling, and visualization for actionable insights. Adept at report creation, process documentation, and statistical analysis. Quick learner with a strong foundation in data storytelling and problem-solving.

Technical Skills

- Languages/Tools: Python (Pandas, NumPy, Matplotlib), SQL, MySQL, Regex
 - BI & Visualization Tools: Power BI (DAX, KPIs), Tableau, Microsoft Excel (PivotTables, VLOOKUP, Charts)
 - Database & Analysis: Query Optimization, Joins, Subqueries, CTEs, EDA, Data Cleaning, Data Modeling
 - ETL & Reporting: End-to-end ETL Pipelines, Automated Data Collection, Report Generation
 - Soft Skills: Fluent English communication, Analytical thinking, Problem-solving, Documentation
 - Microsoft Certified: Power BI Data Analyst Associate (PL-300)
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Projects

Zomato Restaurant Data Analysis

Tools: Python, Pandas, Power BI, Excel, DAX

- Cleaned, transformed, and modeled data from 149+ restaurants for dashboard-ready analysis.
- Built an interactive Power BI dashboard analyzing ratings, order behavior, and pricing tiers.
- Identified that less than 40% of restaurants supported online ordering, helping improve delivery strategy.
- Supported report creation for stakeholders with actionable insights.
- Maintained data accuracy and documented ETL and modeling processes.

Sales & Customer Dashboard (Dynamic) – Tableau

- Built a user-interactive Tableau dashboard to analyze sales, profit, and customer metrics using cleaned CSV data.
 - Designed mockups, selected appropriate charts, and applied consistent color themes for effective visualization.
 - Created calculated fields, dynamic filters, parameters, and tooltips to enable interactive KPI exploration.
 - Structured the data model with accurate data types and renamed fields for better readability.
 - Used containers, formatting, and “fit to view” settings to deliver a clean, responsive, and engaging dashboard.
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Education

B.E. Electrical and Electronics Engineering Panimalar Engineering College, Chennai (2021 – Expected JUL 2025)

Higher Secondary Certificate

Holy Prince Matriculation Higher Secondary School – 71% (2020 - 2021)