

Somil Badkul

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PROFESSIONAL SUMMARY

Data Analyst with a technical foundation in Robotics and Automation Engineering. Proficient in the end-to-end data lifecycle, including Statistical Modelling, Data Cleaning, and Quantitative Analysis using Python (Pandas, NumPy), SQL, and Power BI. Experienced in building automated dashboards and leveraging algorithm logic to transform complex engineering datasets into strategic business intelligence. Utilized advanced statistical techniques to identify key performance drivers, resulting in a 15% improvement in data accuracy and report generation efficiency.

SKILLS

Programming Languages: SQL (MySQL), Python (NumPy, Pandas, Matplotlib, Seaborn), Basics of C++.

Data Analysis: Data Cleaning, Exploratory Data Analysis (EDA), Statistical Aggregation, Data Wrangling.

Data Visualization: Bar Charts, Line Graphs, Scatter Plots, Dashboarding Basics.

Tools & Platforms: Github (Version Control), Jupyter Notebook, VS Code, MS Excel (VLOOKUP, Pivot Tables, Power BI).

Soft Skills: Analytical Thinking, Problem Solving, Communication, Attention to Detail.

INTERNSHIP EXPERIENCE

Asterisc Technocrat Pvt. Ltd. - Data Analytics Intern

Nagpur, India

Sept 2025-Present

- Retrieved and structured datasets using SQL and Excel to support business analysis and reporting needs.
- Processed and transformed raw data using Python (Pandas, NumPy) to ensure accuracy and readiness for visualization.
- Designed Power BI dashboards with interactive visuals to analyze trends and assist stakeholders in data-driven decision-making.

Lumax Industries Ltd. July 2024-Aug 2024

Pune, India

- Analyzed promotional campaign data to strengthen product outreach and engagement.
- Provided analytical insights that improved campaign effectiveness by approximately 15%.
- Assisted in preparing summary reports to support data-driven business decisions.

PROJECTS

Placements Analysis Report

Tools & Technologies: Excel, SQL, Python (Pandas, NumPy, Matplotlib, Seaborn), Power BI

- Analyzed sales data using Python, SQL, and Power BI to improve reporting.
- Leveraged Python, SQL, and Power BI to transform raw data into actionable insights, improving operational efficiency by 25%.
- Shared insights that helped management optimize strategy and resource use, improving reporting efficiency by 25%.

Retail Sales Performance Insights

Link [<https://github.com/badkul2002>**]** Tools: Python, Pandas, Matplotlib, GitHub

- Processed and aggregated raw retail datasets using Pandas to extract regional sales performance metrics.
- Developed graphical representations of sales distribution using Matplotlib to identify key business trends.

EDUCATION

Bachelor of Technology in Robotics & Automation Engineering

Medi-Caps University, Indore | 2021-2025

Relevant Coursework : Statistical Methods for Engineering, Linear Algebra & Optimization, Big Data Analytics, Predictive Modelling, and Algorithmic Logic.

CERTIFICATION

Python Programming Masterclass (Udemy) (Python, Data Analysis),

Relational Database & SQL (Udemy) (MySQL, Joins, Queries)

Data Analysis with Python (IBM) (Pandas, NumPy, Visualization)