

Lakshay Kumar

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Profile

Data Analyst skilled in Python, SQL, and Power BI with experience in data cleaning, visualization, and machine learning. Hands-on projects in dashboards and predictive models to generate actionable business insights

Professional Experience

Data analyst intern, DRDO

05/2025 – 08/2025

- Worked on “**Malware Detection Using Machine Learning**” at **DESIDOC, DRDO**, focusing on data preprocessing and model development.
- Gained hands-on experience in **data analysis** for real-world datasets.

Data analyst intern, IBM

07/2024 – 08/2024

- Led a team to collect, analyze, and visualize data for actionable business insights.
- Managed data analysis projects, ensuring timely delivery of reports and maintaining high data quality.

Education

Bachelor of Computer Applications (BCA),

2022 – 2025

Vivekananda Institute of Professional Studies

Senior Secondary School (CBSE), Commerce with Maths,

2020 – 2022

St. Marks Senior Secondary Public School

Projects

Disease Prediction and Medicine Recommendation System

- Developed a healthcare application to predict diseases using machine learning.
- Implemented a recommendation system to suggest personalized medicines.
- Optimized frontend for intuitive navigation and accessibility.

Customer Behavior Analysis

- Developed a **data analytics pipeline** to analyze customer shopping patterns using **Python, PostgreSQL, and Metabase**, uncovering key spending trends and product insights.
- Designed and executed **SQL queries and data models** in PostgreSQL to evaluate sales performance, discount effectiveness, and subscription impact on revenue.
- Deployed an **interactive business dashboard in Metabase** using **Docker**, enabling real-time visualization of customer behavior

Sales Report Analysis

- Analyzed **ABC company's sales data** using **Excel and Google looker studio** to uncover revenue trends and top-performing products.
- Created **interactive dashboards** to visualize regional performance, customer segments, and monthly sales growth.
- Delivered insights that helped identify key revenue drivers and optimize sales strategies.

Technical Skills

Programming Languages: Python, SQL

Databases: PostgreSQL

Data Analysis Tools: Jupyter Notebook, MS Excel, VS Code

Visualization Tools: Google Looker Studio, Metabase

Libraries & Frameworks: NumPy, Pandas

Web Development: HTML, CSS

Core Areas: Data Cleaning, Data Processing, Data Visualization