

LAKSH RANJAN

Data Analyst | Python | SQL | Power BI

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Dedicated BCA student , GGSIPU – 2024 , with a strong foundation in computer science and programming languages. Seeking an entry level position to apply my technical skills, problem solving abilities, and grow within a dynamic IT environment

Technical Skills

- **Programming Languages** : C, Advanced Python (Pandas, NumPy, Matplotlib, Seaborn)
- **Data Analysis Tools** : Excel, Google Sheets, Power BI, Tableau
- **Database Management** : SQL, SQL Server, DBMS
- **Frontend Development** : HTML, CSS
- **Tools** : VS Code
- **CS Fundamentals** : Data Structures, OOP, Operating Systems
- **Other** : Data Cleaning, Data Transformation

Work Experience

Data Scientist Internship – Ducat, Pitampura

September 2024 – Present

- Worked on a live project involving data preprocessing, exploratory data analysis, and model development.
- Applied statistical techniques and machine learning algorithms using Python (Pandas, NumPy, Scikit-learn).
- Built dashboards and visualizations for actionable insights using Power BI.
- Gained hands-on experience in data cleaning, transformation, and deployment workflows.

Tata Data Visualisation:

January 2025

- Empowering Business with Effective Insights Job Simulation on Forage - January 2025
- Completed a simulation involving creating data visualizations for Tata Consultancy Services .
- Prepared questions for a meeting with client senior leadership .
- Created visuals for data analysis to help executives with effective decision making .

ML Internship - C_BYTES:

July 2023 - Sept 2023

- Developed and optimized machine learning models using Python, Scikit-learn.
 - Conducted data preprocessing, feature engineering, and exploratory data analysis (EDA) to improve model accuracy.
- Built and deployed predictive models for real-world applications.

Certifications

- **DATA SCIENTIST (Present)** : Data Science and Machine Learning using Python DUCAT
- **DATA ANALYSIS (Apr-2025)** : cognitiveclass.ai (IBM Developer Skills Network.)
- **RESPONSIVE WEB DESIGN(2024)** : FREECODECAMP
- **AI training course (2022)** : VIGYANTRAM

Project

****Minor Project – Phone Comparison Website****

[Source Code](#)

- Developed a website where users can compare different smartphones and purchase via Amazon and Flipkart links.
- Implemented user-friendly navigation and detailed phone descriptions.

****Major Project – Gym Website****

[Source Code](#)

- Created a responsive gym website showcasing gym facilities, fitness packages, and client testimonials.
- Focused on promoting fitness awareness and easy access to information.

****SQL – Pizza Sales Analysis****

[Source Code](#)

- Designed and queried a pizza sales database to generate reports on best-selling items, monthly revenue, and customer orders.
- Tools: SQL, Excel

****Power BI – Sales Dashboard****

[Source Code](#)

- Built an interactive dashboard to visualize sales, profits, and top-performing categories across regions using Power BI.
- Tools: Power BI

****Python – Exploratory Data Analysis (EDA)****

[Source Code](#)

- Conducted EDA on Train and Nike datasets using Python (Pandas, NumPy, Matplotlib).
- Cleaned datasets, visualized patterns, and interpreted findings to support business decisions.
- Tools: Python, Pandas, NumPy, Matplotlib