

# LAKSH RANJAN

Data Analyst | Python | SQL | Power BI

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<https://laksh-ranjan.github.io/>

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.

### Power BI Internship - jugadoomedia:

october 2024 - march 2025

- Built and optimized interactive Power BI dashboards using DAX, Power Query, and data modeling to visualize key business metrics from sources like Excel and SQL Server.
- Collaborated with cross-functional teams to gather reporting requirements, implemented row-level security, and published reports to Power BI Service for real-time insights.

### 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

**EDUCATION**

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CLASS 10TH :-TYAGIPUBLIC SCHOOL	2018-2019
SCHOOL CLASS 12TH :-NATIONAL INSTITUTE OF OPEN SCHOOLING	2020-2021
BACHELOR’S IN COMPUTER APPLICATION (GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY)	2021-2024