

Veenayak Sirohi

📞 +91 7302223304 📍 Greater Noida, U.P. [🌐 linkedin/veenayak-sirohi](https://www.linkedin.com/in/veenayak-sirohi) [🐙 github.com](https://github.com) ✉ veenayaksirohi@gmail.com

Summary

Computer Science student with a keen interest in **data analysis**. Skilled in **Python**, **Pandas**, **NumPy**, and **Matplotlib** for data handling, and experienced with **Power BI** for creating clear visual reports. Continuously improving through hands-on projects and coursework to turn data into useful insights.

Education

G.L. Bajaj Group of Institutions

Bachelor of Technology (B.Tech), Computer Science

2021–2025

Dewan Public School

Schooling

2019–2021

Skills

Languages: Python, C/C++, SQL

Tools: Power BI, MySQL, Excel, VS Code

Libraries: Pandas, NumPy, Matplotlib

Projects

HR Analytics Dashboard | *Power BI, Data Cleaning and Transformation (Power Query), DAX* 2024

- **Description:** Developed an interactive dashboard to analyze employee attrition across multiple dimensions.
- **Responsibilities:** Designed visualizations that improved HR's ability to identify attrition trends by 20%.
- **Key Metrics:** Analyzed attrition by age group, job role, salary, and education field and other key factors.
- **Outcome:** Provided insights that led to improved employee retention.

Job Market Insights: Skills and Salaries | *Python, pandas, matplotlib* 2025

- **Description:** Conducted exploratory data analysis on 10,000+ job postings to evaluate salary distributions and skill demand.
- **Responsibilities:** Performed data cleaning, visualized salary distributions, and analyzed trends in skill sets.
- **Outcome:** Provided insights to guide strategic upskilling.
- **Achievement:** Identified the optimal skill balancing high demand and pay.

Sentiment Analysis of YouTube Comments | *Python, NLTK, YouTube Data API, Scikit-learn* 2024

- **Description:** Conducted sentiment analysis on YouTube comments using the YouTube Data API and NLTK's VADER.
- **Responsibilities:** Retrieved and cleaned 10,000+ comments, scored sentiments, addressed class imbalance, trained a classifier, and evaluated model performance.
- **Outcome:** Developed a sentiment analysis system for YouTube comments.
- **Achievement:** Achieved an overall model accuracy of 85%.

Internship

Impressico Business Solutions | *Intern (on-site)* Apr 2025 - Jun 2025

- **Description:** Developed backend systems using **Flask** and **Python** for scalable web applications.
- **Responsibilities:** Designed **RESTful APIs**, integrated third-party services, optimized **PostgreSQL** queries, and implemented testing with **pytest**.
- **Achievement:** Deployed applications using **Docker** and established **CI/CD pipelines** with GitHub Actions.

Licenses & Certifications

Programming, Data Structures And Algorithms Using Python: NPTEL

SQL For DATA SCIENCE: Great Learning

Introduction to Microsoft Excel: Coursera