Viral Nayi

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in linkedin.com/in/viral-nayi   github.com/ViralNayi

Passionate undergraduate focused on Data Science and Statistical Modeling. Leveraging a strong background in DSA to optimize machine learning workflows and improve model efficiency. Skilled in Python-based data analysis and SQL, with hands-on experience in extracting insights from complex datasets to drive data-informed decision-making.

Education

Parul University
B.Tech. (Undergrad) , Computer Science and Engineering | GPA: 8.34

Vadodara, Gujarat, India
03/2027

Shree Vardhman Vidhyalaya
Higher Secondary Education (HSC) , Science stream [Group A]

Mehsana
03/2023

Shree Saraswati Vidhya Vihar
School Secondary Education (SSC)

Mehsana
03/2021

Skills

Software development, Data analysis, Data science, Machine learning

Programming Languages:
Python, SQL, Java, JavaScript, HTML, CSS, C++, C

Data Science Libraries:
NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch, Flask

Development Tools:
Jupyter Notebook, VS Code, Git, GitHub, AWS, Tableau, Power BI, Excel

Mathematics & Statistics:
Hypothesis Testing, Correlation, Regression, Probability & Statistics, Linear Algebra, Calculus, Statistical analysis

Soft Skills:
Cultural awareness, Writing skills, Strategic planning, Public speaking, Analytical skills, Presentation skills, Project management, Critical thinking, Problem-solving

Projects

Productivity Dashboard   01/2026
A modern web-based productivity tracking dashboard built with TypeScript. Features real-time analytics, interactive data visualizations, and a clean, responsive UI. Deployed on Vercel for seamless access and performance. Key Features: Real-time productivity metrics tracking Interactive charts and visualizations Responsive design for all devices TypeScript for type-safe development Live deployment on Vercel Tech Stack: TypeScript, JavaScript, HTML, CSS

Student Data Analysis Project   06/2025
Comprehensive data analysis project examining behavioral and academic patterns of 1,000 students using Excel. Features a dynamic dashboard with slicers, pivot tables, and visualizations to uncover insights on study habits, parental education impact, and exam performance correlations. Key Features: Analysis of 1,000+ student records Interactive Excel dashboard with slicers Data visualization (charts, graphs) Statistical insights on study habits and performance Correlation analysis between parental education and student outcomes Tech Stack: Microsoft Excel, Data Analysis, Statistical Methods