

SHRIPATI VAIBHAV MAITREY

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🐙 github.com/svm05

Education

VIT Bhopal University

Bachelor of Technology-Computer Science

CGPA: 8.68

Oct 2022 - Jul 2026

Bhopal, Madhya Pradesh

East Point School

Class 12 CBSE

Percentage : 89.9%

Mar 2020- Jun 2021

New Delhi, Delhi

East Point School

Class 10 CBSE

Percentage : 87.5%

Mar 2018- Jun 2019

New Delhi, Delhi

Technical Skills

Programming: C++, Python

Data Analysis and Visualization: Pandas, NumPy, Microsoft Excel, Power BI

Databases : MySQL

Tools and Platforms: Jupyter Notebook, Google Sheets, GitHub

Experience

Bharat Heavy Electricals Limited

Engineering Trainee

Oct 2024- Jan 2025

New Delhi, Delhi

- Developed Python and MySQL-based software solutions using OOP and UML, improving system efficiency by 20%.
- Partnered with industry mentors to digitize inventory tracking, reducing manual errors by 30%.
- Directed and executed project workflows, successfully managing 2+ end-to-end projects and delivering solutions on time, improving team productivity by 15%.

Projects

Shopify Sales Funnel & Customer Insights | Power BI, SQL, Python

Jan 2025- Feb 2025

- Built an interactive dashboard using Power BI with 7000+ Shopify sales records, enabling province- and city-level insights through filled maps, bubble maps, and performance bar charts.
- Curated Power BI dashboard featuring a KPI selector allowing real-time switching between Net Sales, Quantity, Total Customers, and Repeat Customers, enabling data-driven insights and identifying top-performing products. .
- Designed geo-visualizations and city-wise bar charts, revealing a 37% higher conversion rate in top-performing urban regions.

Banking Risk Analytics | Power BI, SQL, Python

May 2024- Jun 2024

- Created a loan risk dashboard from 5+ SQL tables (1,000+ records), enabling risk analysts to evaluate loan eligibility and reduce loan default rate predictions by 28%.
- Conducted bi-variate and multi-variate analysis using Python, identifying 4 key repayment indicators —enhancing credit risk modeling accuracy by 35%.
- Automated SQL-Power BI pipeline, reducing manual data updates and cutting report preparation time by 60%.

Social Media Addiction Analysis Dashboard | Power BI, SQL, Python

Jan 2024- Feb 2024

- Analyzed 500+ responses, showing 67% screen time rise in ages 18–25 and top 3 addictive platforms.
- Designed an Power BI dashboard with 5+ interactive charts and slicers, allowing real-time filtering by age, gender, time spent, and platform, improving data interpretation speed by 60% for viewers.
- Automated data visualization workflows using advanced Power BI , Excel, SQL, Python functions , reducing manual analysis time by 40% and enhancing report clarity.

Additional

- Spoken Languages: Fluent in English, Hindi
- Co-curricular Activities : Volunteered for the **NSS (National Service Scheme)** Blood Donation Camp , Member of the college **Adventure and Trekking Club**