

# VAIBHAV VERMA

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github.com/vaibhavverma200421 https://vaibhavverma200421.github.io/My-portfolio/

## PROFESSIONAL SUMMARY

Results-driven Data Analyst with hands-on experience in SQL, Python, and Power BI. Proven expertise in transforming raw data into actionable insights through data cleaning, statistical analysis, and interactive dashboard development. Skilled in building end-to-end analytics solutions and predictive models. Strong foundation in database management, data visualization, and business intelligence. Seeking to leverage analytical skills and technical proficiency to drive data-driven decision-making in a dynamic organization.

## TECHNICAL SKILLS

**Programming Languages:** Python, SQL, JavaScript

**Data Analysis & Libraries:** Pandas, NumPy, Matplotlib, Seaborn

**Databases:** SQL, PostgreSQL, MySQL

**Business Intelligence Tools:** Power BI, Microsoft Excel, Tableau

**Development Tools:** GitHub, Jupyter Notebook, VS Code

**Web Technologies:** HTML, CSS, JavaScript

**Core Competencies:** Data Cleaning, ETL, Statistical Analysis, Data Visualization, Dashboard Development, Predictive Modeling, SQL Query Optimization

## PROFESSIONAL EXPERIENCE

### Data Analyst Intern

3 Months

- Executed comprehensive data cleaning, transformation, and validation processes using SQL and Python, improving data quality by ensuring 99% accuracy and integrity across multiple datasets
- Designed and developed 5+ interactive dashboards and analytical reports using Power BI and Excel, enabling stakeholders to visualize key business metrics and performance indicators in real-time
- Wrote and optimized 50+ complex SQL queries for efficient data extraction, aggregation, and analysis, reducing query execution time by 30% and supporting critical business decision-making processes
- Collaborated with cross-functional teams to identify data requirements, translate business needs into technical solutions, and deliver actionable insights that drove strategic initiatives

## PROJECTS

### Credit Card Financial Dashboard using SQL-BI

- Developed an end-to-end data analytics project analyzing credit card transactions and customer behavior using SQL-based data transformation
- Created interactive dashboards to derive business insights on revenue, customer acquisition, and transaction patterns

### IMDB Dataset Analysis

- Performed data cleaning and visualization on IMDB dataset using Python and Jupyter Notebook
- Analyzed movie ratings, genres, and trends to extract meaningful insights from entertainment industry data

### Madhav Ecommerce Sales Dashboard (Power BI)

- Built a comprehensive ecommerce sales dashboard visualizing sales performance and profit across multiple dimensions
- Implemented dynamic filtering and drill-down capabilities for detailed business analysis

### Music Store Data Analysis (SQL)

- Analyzed music store data using advanced SQL queries to answer business questions and identify trends
- Generated insights on customer behavior, popular genres, and sales patterns through complex data queries

### Super Store Advanced E-commerce Dashboard and Sales Forecasting

- Created an interactive dashboard analyzing sales, profit, and operational metrics of super store data
- Implemented forecasting models to predict future sales trends and support strategic planning

### Vrinda Store Sales Dashboard (Excel)

- Designed an interactive Excel dashboard analyzing Vrinda Store's sales performance with dynamic visualizations
- Utilized pivot tables, charts, and slicers to enable comprehensive sales analysis and reporting

## EDUCATION

### Master of Computer Applications (MCA)

2025 - Present

### Bachelor of Computer Applications (BCA)

2025 | 73.2%

## CERTIFICATIONS

- Google Data Analytics Professional Certificate
- SQL for Data Analytics: Complete SQL + PostgreSQL Bootcamp
- Data Analyst Certification - Simplilearn
- Data Science Certification - Simplilearn