

Vaibhav Singh

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Hiring Manager

Recruitment Team

Data Analytics Department

Dear Hiring Manager,

I am writing to express my keen interest in a Data Analyst or Business Analyst opportunity within your organization. As a final-year Electrical Engineering student at SLIET, Punjab, with a strong foundation in data analysis and visualization, I am eager to contribute to your team and support data-driven decision-making processes.

Over the past year, I have transitioned into the analytics domain by mastering tools and technologies such as **Python, SQL, Power BI, Tableau, Excel**, and **DAX**. I've applied these skills across a series of hands-on projects that showcase my ability to convert raw data into actionable insights:

- Developed a **Churn Analysis Dashboard** to identify high-risk customers and enhance retention strategies.
- Built a **Credit Card Analytics Platform** for monitoring spending patterns and detecting potential fraud.
- Designed an end-to-end **Sales Dashboard for Blinkit**, providing visibility into delivery metrics and customer behavior trends.

Each of these projects, available on my [GitHub portfolio](#), reflects a business-first mindset, coupled with a passion for clean, impactful visual storytelling.

My academic training has equipped me with strong logical reasoning and attention to detail, while extracurricular work—such as solving 200+ problems on platforms like LeetCode, HackerRank, and Codechef—has sharpened my problem-solving and SQL proficiency. I'm confident that these qualities, along with my enthusiasm for continuous learning, make me a strong fit for entry-level analytical roles.



I would welcome the opportunity to discuss how I can contribute to your data initiatives. Thank you for considering my application.

Warm regards,

Vaibhav Singh

VAIBHAV SINGH

PRATAPGARH , UTTARPRADESH, 230001

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OBJECTIVE

- As a final-year Electrical Engineering student with a strong analytical foundation, I have transitioned into the data domain driven by a deep interest in data-driven problem solving and strategic decision making. My journey began with Data Analytics, where I built skills in Python, SQL, Excel, and Power BI, Tableau followed by developing a business mindset through Business Analytics and KPI tracking. My goal is to leverage this blended knowledge to contribute meaningfully to data-centric roles—be it as a Data Analyst, Business Analyst.

TECHNICAL SKILLS

Languages: Python, SQL

Technologies/Frameworks: Power BI, MYSQL, NumPY, Pandas, Matplotlib, Seaborn

Developer Tools: Jupyter Notebook, JIRA, FIGMA, Power BI Desktop, Tableau Desktop,

PROJECTS

Blinkit Sales Analysis Dashboard | PYTHON, POWER BI, DAX, SQL

- Designed an interactive dashboard to analyze Blinkit's delivery data, customer behavior, and product demand trends Used SQL to extract, clean, and join large datasets from multiple sources, optimizing queries for performance and accuracy.
- Identified key business KPIs such as average delivery time, top-selling products, regional demand, and customer retentionIntegrated filtering options for time, region, and product categories, allowing dynamic and detailed exploration of data.

Human Resources Dashboard | PYTHON, TABLEAU

- As an HR manager, I want a comprehensive dashboard to analyze human resources data, providing both summary views for high-level insights and detailed employee records for in-depth analysis
- The summary view should be divided into three main sections: Overview, Demographics, and Income Analysis The Overview section should provide a snapshot of the overall HR metrics.The Demographics section should offer insights into the composition of the workforce.

Churn Analysis Dashboard | POWER BI DAX EXCEL

- Developed an interactive churn analysis dashboard using Power BI and Excel, enabling real-time insights into customer retention trends and risk factors.
- Utilized DAX and Excel formulas to segment high-risk customers and visualize churn patterns, aiding stakeholders in data-driven decision-making.

Credit Card Dashboard | POWERBI DAX SQL

- Enabled data-driven decision-making by providing real-time dashboards with drill-down capabilities, helping stakeholders identify fraud patterns, customer behavior, and revenue opportunities.
- Designed an interactive and visually compelling Power BI dashboard to track key metrics such as spending trends, payment defaults, customer segmentation, and reward point utilization

Bank Loan Dashboard | PYTHON, EDA, POWER BI, SQL

- Managed the collection and analysis of loan application data from multiple sources, including credit reports, internal records, online portals, and third-party services, ensuring comprehensive borrower profiles
- Conducted credit checks, income verification, and debt-to-income ratio analysis to evaluate borrower creditworthiness, supporting data-driven loan approval decisions and risk mitigation strategies.

EDUCATION

SLIET, Sant Longowal Institute Of Engineering And Technology , PUNJAB
B.E - Electrical Engineering - CGPA - 7.33

2021 – 2025
Sangrur, Punjab

ACHIEVEMENT

- Solved 200+ Python SQL problems on platforms like LeetCode, HackerRank CodeChef
- Maintained 10+ repositories with well-documented data projects on github