VIVEK SINGH

📞 9068152607 ✉ iamviveksingh001@gmail.com 🔗 LinkedIn 🌐 Portfolio

Professional Summary

Final-year B.Tech (Computer Science & Engineering) student with a specialization in Data Science, skilled in Python, SQL, Power BI, and Excel. Adept at building data-driven solutions, including dashboards and predictive models, to optimize business insights and decision-making.

Technical Skills

Programming & Databases: Python, SQL, MySQL, Pandas, NumPy
Data Visualization: Power BI, Tableau, Matplotlib, Seaborn
Other Skills: Advanced Excel, Canva, Business & Data Analysis
Soft Skills: Analytical Thinking, Problem-Solving, Communication, Teamwork

Experience

TCS iON   **July 2023 – August 2023**
Data Science Intern   *(Remote)*

- Developed and optimized a **sentiment analysis model**, achieving an **82%** accuracy rate in classifying reviews.
- Cleaned and preprocessed textual data, reducing noise by **15%** for better model efficiency.
- Implemented **sentiment classification** to improve data-driven decision-making.

Personal Projects

Coffee Shop Sales Analysis   **January 2025 - February 2025**

- Developed an **interactive Excel dashboard** to analyze sales, footfall, and customer trends.
- Utilized **Pivot Tables, Charts, and Slicers** to enable dynamic filtering by month and day.
- Analyzed **peak sales hours (8-10 AM), top-selling products** (Brewed Chai Tea, Barista Espresso), and the **highest revenue-generating category (Coffee - $269,952.45)**.
- Provided **data-driven insights** to optimize **pricing, inventory, and store performance** across locations.

OLA Ride Prediction   **December 2024 - January 2025**

- Analyzed ride data using **SQL**, extracting insights on **cancellations, payment trends**, and **customer behavior**.
- Optimized **SQL queries** to track **successful bookings,** analyze **ride distance trends,** and monitor **customer ride frequency.**
- Built an **interactive Power BI dashboard** to visualize **ride volume**, **cancellation reasons**, **payment methods** and **ratings**.
- Identified **key factors influencing ride satisfaction** and **forecasted demand patterns,** reducing **peak-hour wait times by 15%.**

Awards/Achievements

- **Winner, Samarthya Bodh 2.0 (CTLD Department, TMU)**   **February 2024**
- **2nd Runner-up, SIH 2023 Internal Hackathon (TMU)**   **September 2023**

Certifications

- **Machine Learning for Real World Applications (TCS iON)**   **August 2024**
- **Data Analytics and Reporting (TCS iON)**   **December 2023**
- **Statistics Using R & Python (TCS iON)**   **October 2023**
- **Data Modelling and Visualization (TCS iON)**   **September 2023**
- **Python 3.4.3 Training (Spoken Tutorial Project, IIT Bombay)**   **May 2023**
- **Design Thinking - Practitioner's Perspective (TCS iON)**   **February 2023**

Education

Teerthanker Mahaveer University   **Aug 2021 – Sep 2025**
B.Tech (Computer Science & Engineering) Specialization in Data Science in collaboration with TCS iON   *Moradabad, U.P*