Pranay Rawat

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Summary

Highly motivated and results-oriented B.Tech Computer Science student, proficient in Python, SQL, Excel, Tableau, and Power BI with hands-on experience in data cleaning, statistical modeling, and dashboard development through academic projects and certifications. Eager to apply analytical and technical skills to deliver data-driven insights and support business decision-making.

Education

VIT Bhopal University, India	*September 2022 – Present*
B.Tech Computer Science (AIML)	*CGPA: 7.78*
Bal Bhawan Public School	*2022*
Higher Secondary	*Overall Percentage: 88.0*
Bal Bhawan Public School	*2020*
Secondary	*Overall Percentage: 91.0*

Tools and Technologies

Programming: Python (Pandas, NumPy, Matplotlib), SQL
Visualization: Tableau, Power BI (Dashboards, DAX, Data Modeling), MS Excel (Pivot Tables, VLOOKUP, Power Query, Macros, Charts)
Databases & Data Engineering: MySQL, PostgreSQL, ETL, Data Transformation
Statistics & Analysis: Regression, A/B Testing, Hypothesis Testing
Tools: MS Excel, Git, Jupyter Notebook, VS Code
Soft Skills: Problem-Solving, Communication, Team Collaboration

Projects

OLA Booking Data Analysis   *GitHub* ↗

- Developed SQL-based analytics platform to optimize ride-sharing services, improving operational efficiency by 15% through query optimization and automated reporting.
- Created interactive Power BI dashboards for OLA to track KPIs such as ride volumes, revenue, and customer performance, boosting decision-making efficiency by 20%.

Mercy General Hospital Dashboard   *GitHub* ↗

- Designed a comprehensive Excel and Power BI dashboard to monitor patient admissions, discharges, and bed occupancy, enabling hospital staff to optimize resource allocation and improve patient flow by 15%.

Certifications and Achievements

Data Analytics Essentials (Cisco)   *Certificate* ↗

- Certified in Data Analytics Essentials with hands-on skills in Excel, SQL, and Power BI for data analysis, visualization, and business insights.

Business Analytics with Excel (Simplilearn)   *Certificate* ↗

- Skilled in data cleaning, visualization, statistical analysis, and creating interactive dashboards to support data-driven decision-making.

Introduction to MS Excel (Simplilearn)   *Certificate* ↗

- Gained proficiency in formulas, data entry, formatting, Pivot Tables, macros and basic data analysis for reporting.

Extracurricular

- Captained football team to victories in multiple inter-zone and zonal competitions (2019-2021), enhancing teamwork and strategic planning while leading a 15-player squad.