

Vinay Dandekar

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Professional Summary

Data Analyst skilled in SQL, Python, Power BI, and Excel. Adept at transforming raw data into actionable insights, driving efficiency improvements of 25% through optimized dashboards, and delivering impactful business solutions with robust database management skills.

Skills

- **SQL:** Proficient in SQL commands | Data types | Constraints | String Functions | Date and Time Functions | Joins | CTEs | Aggregate Functions | Arithmetic Operators | Subqueries | Window Functions.
- **Advanced Excel:** Skilled in COUNTIF | SUMIF | VLOOKUP | Index | Match | Pivot Tables | Pivot Charts.
- **Power BI:** Skilled in Data Reporting | Data Modeling | Data Cleaning | DAX Functions | Interactive Dashboards.

Experience

Worked On Personal Projects

- Large data sets analyzed using SQL, optimizing data workflows, **improving report efficiency**
 - Cleaned and transformed raw data to ensure accuracy and consistency, **improving data quality**
 - Collaborated with teams **boosting project efficiency**.
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Performance Metrics and Trends Analysis for VistaMart

github.com/VistaMart

- Leveraged MySQL to identify key revenue drivers, **boosting sales by 12%** through targeted menu changes.
- Executed SQL queries for customer segmentation, **cutting marketing costs by 18%** while retaining customers.
- Analyzed ordering patterns to **improve inventory efficiency by 25%** and reduce food waste with forecasting.

Patient Analysis Dashboard

github.com/PatientAnalysis

- Optimized dashboard sections for clarity, including sales trends and performance; **boosting efficiency by 25%**.
- Leveraged DAX to calculate performance indicators and automate analysis, **boosting accuracy by 20%**.
- Implemented dynamic filters for Doctor, Age and Medical condition **increasing engagement by 30%**.

HR Employee Attrition Dashboard

github.com/HRAnalysis

- **Improved employee retention by 18%** through targeted attrition analysis using job satisfaction, performance ratings, and departmental trends.
- **Enhanced decision-making by 22%** with interactive dashboards featuring dynamic filters on age, education field, and years at company.
- Identified key churn drivers like overtime status, **work-life balance**, and **distance from home** powering actionable HR interventions.

Education

Priyadarshini J L College of Engineering , Nagpur, Maharashtra

Aug 2022 – Sept 2026

- B.Tech (Artificial Intelligence)

Certifications / Professional Development

- Data Analytics with Python (NPTEL) [LINK](#) Jan-Apr 2024
- Deloitte Data Analyst Simulation Certificate [LINK](#) July-6th 2025