

RUPESH DESAI

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SUMMARY

Data Analyst skilled in SQL, Excel, Python, and Power BI with hands-on experience automating financial transaction reporting and building operational dashboards. Strong in data cleaning, analytical querying, and trend analysis to uncover inefficiencies and support business decisions. Able to translate raw datasets into clear KPIs and actionable insights for reporting and performance improvement.

SKILLS

- ❖ **Data Analysis & Cleaning:** Data Cleaning, Data Wrangling, Exploratory Data Analysis (EDA), Data Validation, Data Interpretation, Report Generation.
- ❖ **Data Visualization & Reporting:** Power BI (DAX, Power Query, Data Modeling, KPI Dashboards), Excel (Advanced Excel, Pivot Tables, VLOOKUP/XLOOKUP, Conditional Formatting, Charts), Tableau.
- ❖ **Programming & Querying:** Python (Pandas, NumPy, Streamlit), SQL (Joins, Aggregations, Group By, Subqueries)
- ❖ **Databases & Tools:** MySQL, Excel, Power BI, Tableau, Jupyter notebook
- ❖ **Business & Statistical Analysis:** Descriptive Statistics, Trend Analysis, Correlation Analysis, KPI Reporting, Business Insights.
- ❖ **Continuous Learning:** Staying current with tech trends while upskilling in Data Science and AI/ML.

EXPERIENCE

- ❖ **[Data Analyst Intern](#) — Automation Edge Technologies** **Feb 2025 – May 2025**
 - Automated bank account (“Penny Drop”) validation reporting using Python and Excel, replacing manual verification work.
 - Queried and cleaned transactional data using SQL and Pandas to detect mismatches and incomplete records.
 - Generated daily reconciliation reports for operations teams, enabling faster transaction verification and resolution.
 - Streamlined data validation workflow, reducing repetitive manual effort and improving reporting turnaround time.

PROJECTS

- ❖ **[Dashboard for Bombay Hospital](#) — Tool: Power BI | MySQL** **(2026)**
 - Cleaned and transformed hospital dataset using Power Query and SQL aggregation to analyze admissions & occupancy
 - Created DAX measures to monitor bed occupancy rate, doctor workload, and revenue trends.
 - Identified peak admission periods and department workload imbalance through trend analysis.
- ❖ **[Amazon Prime User Analytics](#) — Tool: Power BI** **(2025)**
 - Performed exploratory data analysis on user engagement data (ratings, genres, devices, regions)
 - Built DAX measures to evaluate content popularity and viewing behavior, identifying top-performing genres and active user segments
 - Developed interactive dashboard to track subscription and engagement trends.
- ❖ **[Click 2 Cook Recipe Generator](#) — [Live Project](#) — Tool: Python 3.0, Streamlit Framework, Google Gen-AI** **(2025)**
 - Integrated Google Gemini API to generate structured recipes from uploaded food images.
 - Implemented image processing and prompt handling workflow for ingredient identification.
 - Developed and deployed an image-to-recipe web application using Python and Streamlit with user input handling.

CERTIFICATIONS

- ❖ **[Data Analyst and Business Analyst Certification](#) — ExcelR Solutions.** **(2025)**

Hands-on training in SQL, Excel, Power BI, and Python for data cleaning, analysis, and dashboard reporting.
- ❖ **[Data Visualization](#) — Anudip Foundation.** **(2025)**

Worked on real datasets using Excel, Power BI, and Matplotlib to create charts and business insights.
- ❖ **[Python Programming](#) — Code Expert Technology.** **(2023)**

Learned Python basics with Pandas and NumPy for data processing and small automation scripts.

EDUCATION

- ❖ **[Master in Computer Applications](#)** :- Dr. D. Y. Patil Technical Campus, Pune. • Savitribai Phule Pune University • 2025 • **7.84 CGPA.**
- ❖ **[Bachelor of Science \(Computer Science\)](#)** :- Dr. Ghali College College, Kolhapur. • Shivaji University, Kolhapur • 2023 • **8.72 CGPA.**

EXTRA-CURRICULAR & ACHIEVEMENT

- **Winner** – TECHTRONIX 2K25 Project Competition || 1st Prize – Click to Cook (Generative AI) || Apr 2025.
- **Founder Member** – Helping Hands Youth Circle (NGO) || Led community initiatives || Jan 2019 – Present.
- **Runner-up** – Startup Business Proposal Competition || Business ideation & pitching. || Dec 2024.
- **College Representative** – Chess Competition || Savitribai Phule Pune University || Feb 2024.