

VARUN RASAL

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PROFESSIONAL SUMMARY

Data Analyst experienced in analyzing structured datasets to generate clear and meaningful business insights using SQL, Python, Excel, and Power BI. Strong background in data cleaning, exploratory data analysis, statistical analysis, and dashboarding to identify trends and performance metrics that support data driven decision making. Focused on supporting data driven decision making through accurate analysis and clear reporting.

TECHNICAL SKILLS

Languages: SQL, Python (pandas, NumPy)

Tools: Excel, Power BI

Analytics and BI: Exploratory Data Analysis, Correlation Analysis, Hypothesis Testing, Trend Analysis

Excel: Pivot Tables, VLOOKUP, XLOOKUP

Soft Skills: Problem Solving, Analytical Thinking, Attention to Detail

EXPERIENCE

AI ML Intern | Infosys Springboard (Virtual) Sep 2025 – Nov 2025

- Performed data cleaning, preprocessing, and exploratory analysis on structured and image based datasets to support disease diagnosis use cases.
- Conducted dataset distribution analysis, class imbalance checks, and label validation to improve data quality and model reliability.
- Analyzed model performance metrics and error trends to identify misclassification patterns and data driven improvement opportunities.
- Collaborated on interpreting analytical results to refine data inputs and improve overall solution accuracy.

PROJECTS

AI Powered Plant Disease Diagnosis | Python, PyTorch, FastAPI (GitHub)

- Analyzed plant disease datasets combining image and symptom data to derive actionable insights and enable real time disease classification.

Customer Churn Analysis | Python, SQL, Power BI

- Analyzed 7,043 telecom customer records to identify churn drivers and developed Power BI dashboards tracking churn rate, customer lifetime value, and revenue at risk.

Sales Performance Dashboard | Power BI, DAX, Excel

- Built an executive dashboard analyzing 9,800 plus transactions to track year over year growth, regional contribution, and product profitability, reducing manual reporting effort by 40 percent.

EDUCATION

Bachelor of Engineering in Computer Engineering A C Patil College of Engineering Navi Mumbai
Graduation 2026 | CGPA 7.64

CERTIFICATIONS

- Artificial Intelligence and Machine Learning Virtual Internship - Infosys Springboard (certificate)
- Data Analysis in MATLAB (certificate)

ADDITIONAL INFORMATION

Co-authored an IEEE-format research paper titled “Polar Path Optimizer” as part of a final year major project.