

VARUN RASAL

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PROFESSIONAL SUMMARY

I am a Data Analyst focused on analyzing data to generate clear and meaningful business insights. I work with structured datasets to perform data cleaning, exploratory data analysis, statistical analysis, and dashboard creation using SQL, Excel, and Power BI, and Python. I have experience identifying trends, patterns, and key metrics that support data driven decision making. I use AI tools and have AI and machine learning experience. I am detail oriented, quick to learn, and comfortable translating analytical findings into simple and actionable insights.

EXPERIENCE

AI ML Intern | Infosys Springboard (Virtual)

09/2025 – 11/2025

- Built a plant disease detection model using PyTorch and ResNet 18 for image classification
 - Deployed REST APIs using FastAPI and integrated them with a React frontend for real time inference
 - Managed the end to end machine learning lifecycle including data preparation, model training, backend integration, and deployment
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EDUCATION

Bachelor of Engineering in Computer Engineering

A. C. Patil College of Engineering, Navi Mumbai | Graduation 2026

SKILLS

Programming: SQL, Python

Analytics: Data Cleaning, Exploratory Data Analysis, Statistical Analysis

Data Tools: Power BI, Excel

PROJECTS

AI Powered Plant Disease Diagnosis | Infosys Springboard

- Built an AI system to diagnose plant diseases using leaf images and symptom inputs, including model training and classification
- Trained a ResNet 18 model in PyTorch on PlantVillage and PlantDoc datasets for image based disease detection
- Developed FastAPI backend services and integrated them with a React frontend, including a rule based recommendation engine

Customer Churn Analysis

Python | SQL | Power BI

- Analyzed 7,000 plus customer records using Python and SQL
- Identified key churn drivers through exploratory data analysis and correlation analysis
- Built interactive Power BI dashboards to track churn KPIs
- Proposed data driven retention strategies to reduce customer loss

Sales Performance Dashboard

Power BI | DAX | Excel

- Visualized revenue, growth trends, and region wise performance
- Created dynamic KPIs using DAX measures
- Centralized sales reporting to support faster data driven decision making

LANGUAGES

Marathi (Native) | English (Proficient) | Hindi (Proficient)

CERTIFICATIONS

Infosys Springboard — Artificial Intelligence and Machine Learning Virtual Internship

Outskill — Generative AI Mastermind

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.