

Sanjana Vinod Chavan

Data Analyst — Pune, Maharashtra, India

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Summary

Data Analyst with experience in SQL, Python, Excel, and Power BI. Skilled in data cleaning, visualization, exploratory analysis, and machine learning. Delivered actionable business insights through dashboards, automation, and predictive modeling.

Skills

- **Programming:** Python, SQL
- **Machine Learning:** Regression, Decision Trees, Clustering
- **Databases:** MongoDB
- **Visualization:** Tableau, Power BI, Seaborn, Matplotlib, Excel
- **Libraries:** Pandas, NumPy, Seaborn

Work Experience

Graduate Apprentice Trainee

2023 – 2024

Corning Technologies, India

- Analyzed sales data using SQL to uncover patterns and opportunities.
- Developed and maintained Tableau dashboards for marketing and performance tracking.
- Conducted Python-based EDA using Pandas, NumPy, and Seaborn.
- Automated fiber data extraction and analysis, improving reporting accuracy and efficiency.

Projects

Predict, identify, and alert on suspicious activity using predefined zones

- **Objective:** Build a real-time system to detect suspicious activity in predefined zones.
- **Technologies:** Python, YOLOv3, CNN
- **Key Features:** Zone-based classification triggers automated alerts for unusual activity.
- **Outcome:** Enhanced safety monitoring via automated video and image analysis.

Optical Fibre Data Analysis Tool

- **Objective:** Automated extraction and analysis of fiber test data for quality evaluation.
- **Technologies:** Python, OS module, Tabulate library, File I/O
- **Key Features:** Reads wavelength/fiber-end data, computes power difference, classifies Good/Bad fiber.
- **Outcome:** Reduced manual effort and improved accuracy in fiber performance reporting.

Education

B.E. Computer Engineering

2020 – 2023

Zeal College of Engineering and Research, Pune

HSC

2018 – 2019

SV Union Junior College, Pune

Certifications

- Learning Data Analytics: Foundations — NASBA (6.40 CPE)
- Python Code Challenges: Working with Data — PMI (Provider ID 4101)
- Predictive Analytics with Python (2019) — NASBA (2.20 CPE)