SHRUTI YUVRAJ PATIL

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SUMMARY

Computer Science and Engineering student with internship experience as a Data Analyst, skilled in Python, SQL, and Power BI for data cleaning, visualization, and generating actionable insights.

EXPERIENCE

Data Analyst Intern @ Irizpro   December 2024-June 2025, Pune

- Consolidated data from 5+ training programs (over 500 learners) to analyze performance and engagement patterns.
- Automated data cleaning using Python and SQL, reducing reporting time by 30% and error rates by 20%.
- Built interactive dashboards in Excel and Power BI to track 12+ KPIs such as completion rate and quiz accuracy.
- Presented weekly insights to trainers, leading to 10% improvement in attendance and 8% higher assessment scores.

PROJECT

Customer Churn Analysis and Retention Strategy

irizpro January 2025 - March 2025

- Processed and analyzed 7,000+ customer records to identify churn patterns.
- Built and tuned XG Boost model achieving ROC-AUC of 0.88 and recall of 0.78 on test data.
- Interpreted results using SHAP to highlight top churn drivers such as tenure and monthly charges.
- Delivered a retention dashboard with churn-risk segmentation, supporting 2-4% predicted churn reduction.

Sales Performance Dashboard and Forecasting

irizpro April 2025 - June 2025

- Modeled [24-36] months of sales; Prophet delivered MAPE [7-10]%, enabling next-quarter with confidence intervals.
- Designed an interactive dashboard (region/product/rep filters) tracking 10+ KPIs (YoY growth, conversion, AOV), cutting reporting time by -80%.
- Flagged underperforming SKUs and seasonality pockets, guiding [or %] inventory reallocation and quota setting.
- Built a weekly SQL refresh + data dictionary to standardize metrics across teams.

YouTube text comment Analyzer

GH Raisoni University February 2024 - May 2025

- Engineered a sentiment analysis solution for YouTube comments that processed large-scale text data, extracted actionable insights into audience engagement, and uncovered trends in viewer sentiment using advanced natural language processing techniques.
- Engineered a YouTube comment analysis application utilizing Python (NLTK, Text Blob), SQL.
- Brand sentiment changes with a 95% accuracy rate.

EDUCATION

BTech
 Computer Science and Engineering GH Raisoni University Pune, India |2025 |7.64 CGPA|

Diploma
 Computer Engineering | MSBTE |Udgir |2022 |75%

CERTIFICATIONS

Data Science

irizpro learning solution 2025

- This certificate covered advanced SQL and data visualization, which are core to data analysis tasks in this position.
- During the course, I worked on real projects analyzing datasets-skills I can apply directly in this job.

Google Data Analytics Certificate

Google Coursera 2025

- The Google Data Analytics Certificate provided hands-on training in SQL, Excel, Tableau, data cleaning, and visualization. These skills are directly applicable to data collection, analysis, and reporting tasks required in data analyst roles.

SKILLS

Technical Skills: Python (Pandas, NumPy), SQL, R, Tableau, MATLAB, Machine Learning, Statistics & Analytics, Data Cleaning & ET using Python or Excel | Areas of Interest: Data Cleaning, Data Visualization, MS Excel (VLOOKUP, COUNTIF, Pivot Tables), Power BI, Dashboards, Data Validation, Documentation Enrolment, Endorsements, Insurance Data Processes

Soft skill: Communication, Attention to Detail, Stakeholder Coordination, Time Management.