

Rushikesh Bedre

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PROFESSIONAL SUMMARY

Aspiring Data Analyst with a strong foundation in Python, SQL, and data visualization tools like Power BI and Tableau. Experienced in data pre-processing, statistical analysis, and dashboard development. Passionate about transforming raw data into actionable insights to support business decisions. Hands-on experience in big data technologies like PySpark and optimizing SQL queries for large datasets. Quick learner with excellent problem-solving skills, eager to contribute to data-driven organizations.

EDUCATION

Priyadarshini Bhagwati College of Engineering	Nagpur, India
Bachelor of Technology in Electronics & Communication Engineering - CGPA: 7.73/10	2021-2024
Suryodaya College of Engineering & Technology	Nagpur, India
Polytechnic Diploma in Mechanical Engineering - CGPA: 8.6/10	2019-2021

SKILLS SUMMARY

Language:	Python, SQL
Libraries:	Pandas, NumPy, Matplotlib, Seaborn, PySpark
Tools:	Power BI, Tableau, Power Pivot, ChatGPT, Selenium
Platforms:	PyCharm, Google Colab, Jupyter Notebook
Soft Skills:	Problem-Solving, Team Player, Quick Learner, Work Ethic, AI-Assisted Research

PROFESSIONAL EXPERIENCE

Python Development and Data Analysis Trainee Q spiders	August 2024 – February 2025
<ul style="list-style-type: none">Enhanced data pre-processing efficiency by 20%, leveraging Pandas and NumPy for optimized handling of large datasets.Developed 15+ data visualizations in Seaborn and Matplotlib, improving clarity in business reporting.Designed SQL queries and indexing techniques, improving database retrieval speed by 30%.Created and refined machine learning models with 98% accuracy, providing actionable insights for decision-making.Implemented missing data imputation and normalization methods, increasing dataset usability by 25%.	

PROJECTS

Crime Data Analysis & Monitoring Dashboard
<ul style="list-style-type: none">Processed and cleaned 1M+ crime records using PySpark and Pandas, reducing data inconsistencies by 40% thereby improving data reliability.Validated and optimized data using SQL, enhancing query performance by 35%, leading to faster and more efficient analysis.Developed 25+ advanced visualizations, including heatmaps, time-series trends, and geospatial crime maps, to uncover critical crime patterns.Created an interactive Power BI dashboard for real-time crime tracking, case lookups, and data-driven decision-making for law enforcement authorities.Implemented crime forecasting models to predict future crime trends, improving security planning and resource allocation by 15%.
Hospital Management System Using SQL
<ul style="list-style-type: none">Designed a SQL database system to manage hospital operations, including patient data, doctor schedules, appointments, and billing.Developed relational tables with constraints and indexing for optimized data retrieval and integrity across multiple hospital departments.Executed SQL queries and stored procedures for automating scheduling, billing, and room management tasks, ensuring seamless operations.Generated comprehensive reports on patient admissions, doctor schedules, and prescriptions to support hospital management decisions.

CERTIFICATES

Python for Data Science, AI & Development (IBM via Coursera) [\[CERTIFICATE\]](#)

- Completed an IBM-certified course covering Python for data analysis, AI, and application development.
- Gained practical experience in data manipulation, AI frameworks, and foundational Python programming.