

SUPRIYA KUSUMA

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Professional Summary

Aspiring **Data Analyst** with strong skills in **SQL, Python (Pandas, NumPy, Matplotlib), Power BI, and Excel** for data cleaning, analysis, and visualization. Experienced in building **dashboards, performing exploratory data analysis (EDA), and generating actionable insights** from structured and unstructured datasets. Completed academic and internship projects involving **machine learning, performance evaluation, and reporting**. Skilled at translating business requirements into analytical solutions to support **data-driven decision-making and KPI measurement**.

Education

SANA ENGINEERING COLLEGE(Affiliated to Jntuh, Hyderabad)	<i>Aug 2021 – Jun 2025</i>
Bachelor of Technology, Computer Science Engineering , CGPA: 7.8 /10.00	
Courses: Database Management Systems, Computer Organization, Object-Oriented Programming in Java, Data structures	
Tsrjc Residential Junior College , Jangaon	<i>June 2019 – March 2021</i>

Intermediate, Percentage: 95.6%

Technical Skills

- Technical Skills :** Python(Pandas, NumPy), R, EDA , KPI
- Frameworks & Tools:** Git, Postman, Eclipse, VS Code
- Databases:** MySQL, Oracle (PL/SQL)
- Cloud & Analytics:** AWS, Power BI, MS Excel, Tableau
- Concepts:** Data Visualization , Data Cleaning

Professional Experience

Intern SKILLDUNIA	<i>December 2023 – January 2024</i>
• Explored and implemented Machine Learning models to evaluate prediction accuracy and efficiency.	
• Conducted performance assessments on training datasets and enhanced algorithm success rates.	
• Documented research findings and optimized learning parameters to improve practical applicability.	

Academic Projects

SALES & MARKETING ANALYTICS DASHBOARD (MINOR PROJECT)	<i>Aug 2024 – Nov 2024</i>
• Analyzed sales and customer data using SQL and Python to identify revenue trends and customer segments.	
• Built interactive dashboards in Power BI showcasing sales by region, cost vs. revenue, and product performance.	
• Applied time-series forecasting to predict future sales and support marketing strategy decisions.	
• Delivered insights that highlighted underperforming regions and products, enabling data-driven recommendations for marketing campaigns.	

SEARCHABLE AND VERIFIABLE DATA PROTECTION SCHEME FOR SCHOLARLY BIG DATA (MAJOR PROJECT)	<i>Jan 2025 – May 2025</i>
• Engineered a role-based academic data storage solution using J2EE (Java EE) and MySQL.	
• Designed secure APIs with encryption and role-based access control for data integrity.	
• Integrated block-level file integrity verification and keyword-based data search.	
• Improved scalability and privacy-aware data sharing using cube-based data structures.	

Certifications

- Google Data Analytics Professional Certificate
- Google Advanced Data Analytics Professional Certificate
- IBM Generative AI Engineering Professional Certificate
- CISCO Networking Academy on “ PCAP : Programming Essentials in Python”
- Microsoft Certificate on “Microsoft AI Skills Challenge”
- Skilldunia Certificate On “Machine Learning Python”

Languages

- English | Telugu | Hindi