

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) *Aug 2021 – Jun 2025*
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 *June 2019 – March 2021*
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 *December 2023 – January 2024*

- 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) *Aug 2024 – Nov 2024*

- 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) *Jan 2025 – May 2025*

- 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