SOMAPURAM UDAY Kurnool, Andhra Pradesh

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Summary

Final-year Computer Science student with hands-on experience in **Python for Data Science**, skilled in **data analysis, cleaning, feature engineering, EDA, predictive modeling, and dashboard development**. Proficient in **Python (Pandas, NumPy, Scikit-learn)**, **SQL**, **Tableau**, **Power BI** (basic), and **Excel**, with a strong foundation in **statistical analysis**, **ETL**, **time-series forecasting**, and **automation**. Eager to apply these skills in real-world Python Data Science internships.

Education

G. Pulla Reddy Engineering College — B.Tech in Computer Science & Technology — 2022 – Present — CGPA: 8.43
Leadership: CSI Student Coordinator — Organized 5+ workshops, mentored 10+ juniors, led 3 forums with 100+ participants

Experience

Data Science Master Virtual Internship — EduSkills Foundation® (Altair, AICTE) — Apr 2024 – Jun 2024 — Remote **- Verify**
• Completed a 10-week hands-on internship with a protected assignment/test, earning the official **certification**
• Performed **data cleaning**, **preprocessing**, and **exploratory data analysis (EDA)** using **Python** and **SQL**
• Developed interactive dashboards with **Tableau** and **Power BI** to deliver actionable insights
• Applied **machine learning workflows** (**regression**, **classification**, **predictive modeling**) for decision support
• Leveraged **Generative AI tools** (**ChatGPT**, **Gemini**, **Claude**) to automate analysis and generate insights
• Collaborated on mini-projects using **AI-assisted analytics tools** like **Code Interpreter** and **AutoML**
• Delivered insights on trends, patterns, and **KPIs** to support data-driven strategies

Projects

Data Analytics Project — Cosmetic Insights: Consumer Trends Dashboard — May–Jul 2025
• **Tech Stack: Python**, **Pandas**, **NumPy**, **SQL**, **Tableau** — GitHub — Tableau Public
• Designed **interactive dashboards** for 3,500+ products, tracking **trends** and **consumer behavior**.
• Performed **data cleaning, transformation, aggregation**, and automated **KPI updates**.
• Conducted **EDA** to extract actionable insights for **data-driven decisions**.

EDA Project — Mobile Device Usage Analysis — June 2025
• **Tech Stack: Python**, **Pandas**, **NumPy**, **Matplotlib**, **Seaborn**, **WordCloud** — GitHub
• Built **EDA pipeline** for 700+ user records, including **cleaning** and **feature engineering**.
• Segmented users into **behavior classes** and usage categories; created 20+ **visualizations**.
• Automated reporting, reducing **manual analysis time by 35%**.

Advanced Sales Forecasting & Trend Analysis — Sep 2025
• **Tech Stack: Python**, **Colab**, **Pandas**, **Matplotlib**, **Seaborn**, **Prophet**, ARIMA, **Plotly** — GitHub
• Built hybrid **Prophet + ARIMA forecasting system** with **MAE** $<$ **5 units/day** over 3 years.
• Preprocessed 1,096 days of sales data and automated **forecast export**.
• Developed **interactive dashboards** for **daily, weekly, and monthly trends**.

Technical Skills

• **Programming & Scripting:** Python (Pandas, NumPy, Scikit-learn), SQL, R (Basic), Git
• **Data Cleaning & Analysis:** Data Cleaning, Feature Engineering, Exploratory Data Analysis, Statistical Analysis, Excel
• **Data Visualization:** Tableau, Power BI (basic), Matplotlib, Seaborn, WordCloud
• **Machine Learning & AI:** Supervised Unsupervised Learning, Regression, Classification, Time-Series Forecasting, Gen AI
• **Professional Skills:** Effective Communication, Team Collaboration, Adaptability, Problem-Solving

Certifications

• **Data Science Foundations – University of London** — Sep 2025 — Verify Credential
• **Google Advanced Data Analytics – Google** — Sep 2025 — Verify Credential
• **Machine Learning for All – University of London** — Aug 2025 — Verify Credential
• **Microsoft AI-900 – AI & Azure Fundamentals** — Jun 2025 — Verify Credential
• **Excel Basics for Data Analysis – SkillUp** — Sep 2023 — Verify Credential
• **Python Programming: Basic Skills – edX** — Mar 2024 — Verify Credential