

SOMAPURAM UDAY

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GitHub: github.com/udaycodespace Tableau: public.tableau.com/somapuram.uday

Summary

Aspiring Data Analyst with expertise in data visualization, ETL, statistical analysis, predictive modeling, and dashboard development. Skilled in Python (Pandas, NumPy, Scikit-learn), SQL, Tableau, Power BI, Excel, and time-series forecasting. Experienced in data cleaning, feature engineering, KPI development, and automation, with strong problem-solving, analytical thinking, and communication skills.

Education

G. Pulla Reddy Engineering College — B.Tech in Computer Science & Technology — 2022 – Present — CGPA: 8.43

Relevant Courses: Machine Learning, Probability & Statistics, DBMS (SQL), Python (OOP), Data Structures, OS, Networks

Competitive Coding: CodeChef (Max 1630), Codeforces (Max 1174), LeetCode (Max 1571)

Leadership: CSI Student Coordinator — Organized 5+ workshops, mentored 10+ juniors, led 3 forums with 100+ participants

Experience

Data Analytics Intern - Tableau, SQL & Power BI (APSCHE - SmartBridge) — May 2025 – Jul 2025 — Remote

- Built 10+ dashboards in Tableau & Power BI, improving KPI visibility by 30%
- Automated data cleaning & ETL using Python & SQL, cutting preprocessing time by 25%
- Analyzed 3,500+ product records for trends in customer behavior & regional sales
- Delivered actionable insights on pricing, brand performance, and ingredient effectiveness
- Applied BI, dashboard storytelling, and basic Power BI for data visualization

Projects

Data Analytics Project — Cosmetic Insights: Consumer Trends Dashboard — May-Jul 2025 — Remote

- **Tech Stack:** Python, Pandas, NumPy, SQL, Tableau — GitHub — Tableau Public
- Designed interactive dashboards for 3,500+ products tracking trends and consumer behavior.
- Cleaned, transformed, and aggregated data using Python and SQL; automated KPI updates.
- Conducted EDA to extract actionable insights for data-driven decisions.

EDA Project — Mobile Device Usage Analysis — June 2025 — Remote

- **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 — Remote

- **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; automated forecast export.
- Developed interactive dashboards for daily, weekly, and monthly trends.

Technical Skills

- **Data Analysis & Visualization:** Excel, Tableau, Power BI, Matplotlib, Seaborn, WordCloud
- **Programming & Scripting:** Python (Pandas, NumPy, Scikit-learn), SQL
- **Machine Learning:** Supervised & Unsupervised Learning, Regression, Time-Series Forecasting (Prophet, ARIMA)
- **Database Management:** MySQL, PostgreSQL
- **Automation & ETL:** Power Query, Python Automation
- **Statistical Analysis:** Hypothesis Testing, A/B Testing, Data Cleaning

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
- **Google AI/ML Virtual Internship - EduSkills Foundation** — Jan-Mar 2025 — Verify Credential