

Lachhagari Uday kumar

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Rayachoti, Annamayya, A.P

PROFILE SUMMARY

- Data-driven analyst skilled in Python, SQL, and Power BI with strong capabilities in EDA and visualization.
- Experienced in data cleaning, feature selection, statistical analysis, and transforming raw data into insights.
- Proficient in dashboards, DAX, data modeling, and building interactive reports that support business decisions.
- Strong problem-solver with hands-on experience in NumPy, Pandas, and analytical techniques for real-world data.

EDUCATION

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|---|----------------------------|
| • Sreenivasa Institute of Technology and Management Studies | Chittoor, A.P |
| • <i>Bachelor of Technology - Electronics and Communication Engineering; GPA:6.89</i> | <i>Dec 2021 - May 2025</i> |
| • Narayana junior College | Tirupati, A.P |
| • <i>Intermediate - MPC; GPA: 8.49</i> | <i>Jun 2019 - Mar 2021</i> |
| • Z.P High school | Veeraballi, A.P |
| • <i>Secondary School Certificate; GPA: 8.8</i> | <i>Jun 2018 - Mar 2019</i> |

SKILLS SUMMARY

- **Python:** Data types, Loops, functions, **OOPs**, NumPy, pandas, Matplotlib, File handling, Exception handling.
- **EDA:** Data cleaning, Feature Selection, Outlier Detection, Correlation Analysis, Visualization, Hypothesis testing, Data Transformation .
- **SQL:** Joins, Subqueries, Aggregate functions, Window functions, CTEs, Data filtering, CRUD operations, Query optimization.
- **Advanced Stats:** Data modeling, DAX functions, Dashboard creation, Power Query, Report publishing, Data relationships.
- **Power BI:** Probability distributions, Hypothesis testing, Correlation and regression, Chi-square test, Sampling techniques, Statistical inference.

PROJECTS

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|---|----------------------------|
| • Exploring Nykaa’s Health Care Products – EDA Project | <i>Jul 2025 – Aug 2025</i> |
| <i>Technologies: Python (Pandas, NumPy, Matplotlib, Seaborn) Power BI: Dashboards and Visualizations</i> | |
| <ul style="list-style-type: none">– Conducted end-to-end EDA using Python to clean, transform, and analyze Nykaa’s healthcare dataset.– Identified pricing, rating, and demand trends to uncover insights across multiple product categories.– Designed interactive Power BI dashboards to support data-driven marketing and inventory decisions.– Delivered insights on top-performing and low-performing products to guide business improvements.– Utilized Python visualizations to highlight trends in customer preferences and seasonal product demand.– Applied statistical methods to validate insights and ensure accuracy in data-driven business findings. | |
| • Employee Management System using SQL | <i>Aug 2025 – Sep 2025</i> |
| <i>Technologies: MySQL / SQL Data Analytics Tools: Power BI / Excel</i> | |
| <ul style="list-style-type: none">– Designed a relational MySQL database using ER modeling to manage employees, roles, salaries, and payroll data.– Implemented optimized tables with primary and foreign keys to ensure data integrity and relational consistency.– Developed advanced SQL queries for salary insights, leave tracking, and job role analysis across departments.– Automated bulk data imports using SQL utilities to handle large employee datasets with high efficiency.– Applied indexing and query optimization techniques to boost system performance for HR operations.– Ensured secure access control with role-based permissions, protecting sensitive payroll and employee data. | |

ACADEMIC ACHIEVEMENTS

- Active Participation in Technical Events in Other Colleges.
- Participated in Smart India Hackathon 2023 in ACEM.
- Participated in Project Exhibition at a National Level Project Expo 2024 in ACEM Attended to Months Internship On Structured Query Language(SQL).

HOBBIES

- Coding Problem Solving.
- Learning New Technologies.
- Building Small Projects / Automations).
- Tech Blogging or Writing.