

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

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

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

Exploring Nykaa's Health Care Products – EDA Project	Jul 2025 – Aug 2025
<i>Technologies: Python (Pandas, NumPy, Matplotlib, Seaborn) Power BI: Dashboards and Visualizations</i>	
– 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	Aug 2025 – Sep 2025
<i>Technologies: MySQL / SQL Data Analytics Tools: Power BI / Excel</i>	
– 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.