

ANURAG

Chandigarh, India

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PROFILE SUMMARY

Computer Science undergraduate (AI & ML, 2027 batch) with solid foundations in Python, SQL, and Data Structures & Algorithms. Experienced in building end-to-end solutions — from data pipelines and ML models to real-time deployments. A self-starter with strong analytical and problem-solving skills, high ownership, and the ability to produce clean, efficient code from specifications.

EDUCATION

Chandigarh University

B.E. Computer Science (AI & ML); CGPA: 8.1

Chandigarh, India

2023 – 2027

Class XII — 84% Class X — 88%

SKILLS SUMMARY

Languages: Python, SQL, Java (basic)

Libraries: Pandas, NumPy, Scikit-Learn

Databases: MySQL, SQLite

Tools: Git, GitHub, Jupyter Notebook, VS Code, Power BI, Excel

Core Concepts: Data Structures & Algorithms, OOP, Problem Solving

PROJECTS

News Authenticity Classification System | *Python, Scikit-Learn, TF-IDF, Telegram API*

- Built an end-to-end ML pipeline — data ingestion, preprocessing, feature extraction (TF-IDF), model training, and deployment — on 20,000+ news samples.
- Evaluated multiple classification algorithms and selected Logistic Regression based on performance analysis, achieving 91.2% accuracy.
- Deployed real-time predictions via a Telegram chatbot, reducing manual verification effort by ~70% and making the system accessible to non-technical users.
- Wrote modular, reusable Python code with clear separation of concerns, making the pipeline easy to extend with new data sources.

E-commerce Funnel & Revenue Analysis | *Python, SQL, Pandas, MySQL*

- Designed SQL queries using JOINS, subqueries, GROUP BY, and window functions to process 12,500+ user session records efficiently.
- Built a conversion funnel (Browse → Cart → Purchase) and cohort analysis logic, identifying a 38% cart drop-off and flagging key friction points.
- Wrote clean Python functions for metric calculation (AOV, retention rate, CLV), cutting repeated analysis time by ~60%.
- Proposed data-backed optimizations projected to improve conversion rate by 8–12%, demonstrating ownership from problem identification to solution delivery.

SQL Customer Purchase Behavior Analysis | *SQL, MySQL*

- Wrote complex SQL queries — multi-table JOINS, HAVING, correlated subqueries — to analyze 10,000+ transactions and segment customers by purchase behavior.
- Found top 10% of customers contributed 55% of revenue; calculated AOV, repeat purchase frequency, and retention rate to derive CLV improvement insights.

Academic Performance Analyzer | *Python, Pandas*

- Automated grade processing for 500+ student records using Python, reducing manual effort by ~80% through clean, spec-driven scripts.
- Built logic to detect subject-level performance trends and generate structured reports — demonstrating ability to translate requirements into working code.

CERTIFICATIONS

Microsoft | Azure AI Fundamentals (AI-900)

NVIDIA | Fundamentals of Deep Learning

IBM | Generative AI for Data Engineers

University of Colorado | SQL for Data Science

Duke University | Machine Learning

Fortinet | Fortinet Certified Associate (FCA)