

Akshit Salgundi

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SKILLS

- **Languages:** Python, C, Java, SQL, PL/SQL
- **Frameworks:** Pandas, NumPy, Seaborn, Matplotlib, Pygame, Scikit-learn, Tkinter
- **Tools/Platforms:** Excel, Git, Tableau, Jupyter Notebook
- **Soft Skills:** Leadership, Collaborative, Problem solving, Adaptability, Project management, Resilient, Diligent

PROJECTS

PERSONAL FINANCE INTELLIGENCE SYSTEM | Python, Pandas, Scikit-learn, NLP, Streamlit Ongoing

- Processed and analysed 10,000+ transactions, categorizing expenses into 12+ classes using NLP-based classification.
- Building a Random Forest/XGBoost model to predict monthly spending behaviour with 85%+ accuracy.
- Detected anomalous transactions using Isolation Forest, improving irregular pattern detection by 30% over baseline.
- Developed a personalized recommendation engine that increased potential savings by 20–25% based on user behaviour.

UBER RIDE DEMAND ANALYSIS | Python, NumPy, Matplotlib, Pandas, Seaborn Dec'25

- Conducted EDA on uber ride data (2011–2018) identifying a 35% demand surge during the peak hours across the urban zone.
- Analysed riding pattern by time, location and car availability, qualifying a mismatch of 28% between demand and supply.
- Visualized trends via heatmaps, line and bar charts, revealing 20% higher demand during morning vs evening rides.
- Delivered actionable insights that improved demand forecasting accuracy by 40%, supporting optimized car allocation.

Student Feedback Management System | SQL, PL/SQL, ORACLE APEX May'25

- Developed PL/SQL driven feedback system with procedure, Triggers, automating 80% of evaluation workflows.
- Integrated relation schemas (Student, Teacher, Marks) with FKs, ensuring 100% consistency across 500+ records.
- Visualised student performance on APEX dashboard, enabling real time tracking of marks for 200+ students.
- Delivered scalable solutions that improved feedback accuracy and boosted reporting efficiency by 60%.

TRAINING

Lovely Professional University

Code Query - The Ultimate PL/SQL & Data Science Bootcamp May'25 –Jul'25

- Mastered PL/SQL programming by developing procedures, triggers and cursors to streamline database operations.
- Designed and optimized database schemas with P, F key relationship and constraints for structured data handling.
- Engineered automation workflows using PL/SQL for data validation, updates and reporting in real time scenarios.
- Implemented foundational Machine Learning Models (Regression, Classification, Clustering) using python.
- Applied Machine Learning concepts to real-world datasets, integrating database system with pipeline.

CERTIFICATES

- Machine Learning Bootcamp (Udemy) Ongoing
- Generative AI Course (Udemy) Ongoing
- Python for Machine Learning (Udemy) Dec'25
- Master N8N AI Agents (Udemy) Oct'25
- PL/SQL and Data Science Bootcamp (Lovely Professional University) Dec'24
- Operating System (IBM) Jul'24

ACHIEVEMENTS

- **Winner of Hackathon:** Feb'26
We designed and developed an innovative and practical solution, focusing on both functionality and user experience. Our project stood out for its creativity, technical execution, and impact.
- **Team Management:** Apr'25
Approached peers and created a team for building projects and for participating in competitions.

EDUCATION

- **LOVELY PROFESSIONAL UNIVERSITY** Punjab, India
Bachelor of Technology - Computer Science and Engineering Aug'23-Present
- **PGR JUNIOR COLLEGE** Hyderabad, TS
Intermediate; Percentage: 96% Apr'22 – Mar'23
- **BHASHYAM BROOKS** Hyderabad, TS
Matriculation; Percentage: 85% Apr'20 – Mar'21