

ADITI SACHDEVA

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OBJECTIVE

2nd year B.Sc Computer Science student at SSCBS, University of Delhi, with hands-on experience in Python, SQL, Power BI, and Machine Learning. Passionate about data analytics with live consulting project experience in HR analytics. Seeking opportunities to apply data-driven problem-solving skills in a high-impact environment.

EDUCATION

B.Sc (H) Computer Science — SSCBS, University of Delhi CGPA: 7.74 (Sem 1–2) SGPA: 8.45 (Sem 3) Data Science Certification, 2025	Aug 2024 – Present
Class XII — Asha Modern School, Saharanpur (Commerce) Score: 87.6%	2024

TECHNICAL SKILLS

Languages & Libraries: Python, SQL (Structured Query Language), Pandas, NumPy, Scikit-learn, Matplotlib, C++
Machine Learning: Regression, Classification, Feature Engineering, EDA, SMOTE, Cross-Validation
Visualisation & BI: Power BI, Tableau, Microsoft Excel (Pivot Tables, VLOOKUP, Charts)
Tools & Platforms: PostgreSQL, Figma, Django, Git
E-Commerce Research: Google Trends, Meta Ads Library

LIVE PROJECT EXPERIENCE

Data Science Contributor — Employee Attrition Model Harvish M Consulting	2025
- Built a classification model to predict employee attrition risk, enabling HR team to identify at-risk employees and support retention strategy - Performed EDA and feature engineering on HR dataset; uncovered key attrition drivers including tenure, department, and compensation patterns. Delivered model outputs and actionable business insights to consulting team for client decision-making	

PROJECTS

Customer Churn Prediction — Telecom Dataset [GitHub]	2025
- Built churn prediction pipeline on 7,000+ record Telco dataset using Decision Tree, Random Forest, and XGBoost; applied SMOTE to resolve class imbalance, improving minority-class recall - Applied 5-fold cross-validation; Random Forest achieved best accuracy of 84% and was deployed via pickle-based inference system - Identified contract type, tenure, and monthly charges as top churn drivers through feature importance analysis	
Retail Sales Prediction & Pricing Analytics — BigMart Dataset [GitHub]	2025
- Engineered 5 custom features on ~8,500 records; compared 4 regression models — Lasso achieved best R^2 of 0.74 via automatic feature selection - Built a price simulation engine across ₹40–₹260 range; identified Item MRP and Visibility Ratio as top revenue drivers	
E-Commerce Product Research — Dropshipping Niche Analysis	2025
- Researched trending products across multiple niches using Google Trends; identified high-demand items based on search volume and upward trend patterns - Analysed active ad campaigns via Meta Ads Library and compared supplier vs. retail pricing across AliExpress and Amazon India to evaluate profit margin potential - Compiled findings into a structured Excel report highlighting recommended products based on trend strength, ad competition, and pricing opportunity	
Power BI — Supplement Sales Dashboard	2025
- Built interactive Power BI dashboard analysing \$22.6M in sales across 3 platforms, 3 countries, and 9 product categories (2020–2025) using 6 chart types including KPI cards, maps, and scatter plots - Identified post-COVID demand shift to wellness products; flagged UK and low-return categories as expansion opportunities	
Ride-Hailing Analytics — SQL (PostgreSQL) [GitHub]	2024
Designed relational DB schema; wrote advanced queries using joins, CTEs, and window functions to analyse demand patterns, revenue trends, and cancellation rates	
POSITIONS OF RESPONSIBILITY	
Graphics Head — Kronos Tech Society, SSCBS	Jun 2025 – Present
Led 15-member graphics team for society events and social media; volunteered at hackCBS 7.0 — India's largest student-run hackathon (6,000+ registrations)	
Coordinator — The Literary Society, SSCBS	Jun 2025 – Present
Co-organised Bibliotheca'25 literary fest (300+ attendees); designed and edited annual college magazine and yearbook with 25+ curated contributions	