

Sworaj Khadka

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PROFILE

Data Analyst skilled in Python, SQL, and Power BI with experience in customer analytics and actionable dashboarding.

EDUCATION

Jain University –

Bangalore, India

Bachelor of Engineering in Computer Science and Engineering

2023 – 2027

Current CGPA (Till 4th Semester): 9.65/10

- Rank 1 of the Batch
- Relevant coursework in Data Structures, Data Engineering, Data Analytics, Database Management Systems, Cloud Computing

SKILLS

Technical: SQL, Python, Statistics, ETL, Data Visualization, Machine Learning

Tools: Power BI, Excel, MySQL, Jupyter Notebook, Git, Railway, Vercel, React

CERTIFICATIONS

- [IBM Course-Introduction to Artificial Intelligence \(AI\)](#)
- [NVIDIA Course -Introduction to Networking](#)
- [MongoDB Course-Introduction to MongoDB](#)
- [Algorithms for Searching, Sorting, and Indexing — University of Colorado Boulder](#)

PROJECTS

Customer Segmentation using RFM & KMeans Clustering

04/25-05/25

- Presented customer segmentation analysis and insights to senior management; findings led to optimization of marketing campaigns and improved customer retention rates by 15% within six months
- Led the development of segmentation model analyzing 10,000+ customers, applying KMeans to identify 4 key segments that enhanced targeted marketing by 25%
- Developed interactive PowerBI dashboard consolidating insights, used regularly by 15+ marketing and sales stakeholders

Music Store Database Analysis

06/25-07/25

- Analyzed 5,000+ sales transactions using MySQL and Excel to identify top-performing products and revenue trends
- Identified top contributing products and sales channels to optimize store strategy

Tata Data Visualization: Empowering Business with Effective Insight(Virtual Job Simulation – Forage)

13/07/25

- Created Power BI visuals to analyze revenue trends and customer behavior
- Simulated a client meeting with TCS senior leadership (CEO & CMO)
- Identified top-performing markets and recommended strategies based on data insights

ACHIEVEMENTS

- Achieved a perfect SGPA of 10.0 in my third semester
- Got an excellent GPA of 3.96 on my 12th boards making me the Rank 1 holder among Nepal.
- Completed 100+ advanced SQL and Python challenges on LeetCode, improving query efficiency and coding proficiency.

- Analyzed sales data of 10,000+ transactions to identify trends, contributing to a 12% increase in quarterly revenue.
- Got selected twice in the Smart India Hackathon(SIH) demonstrating innovative ideas and prototypes.
- Built and maintained a GitHub portfolio with 5+ data analytics projects, with growing visits and positive feedback.

EXTRACURRICULAR ACTIVITIES

- Football analyst with comprehensive knowledge of global leagues, teams, and player statistics; regularly analyze, review, and discuss matches within fan communities.
- Passionate Musician and dancer having taken parts in a lot of events.
- Written 25+ short stories, poems, and blogs exploring tech, life, and creativity; self-published selected works on social media and writing platforms
- Active football player in informal college-level matches; developed discipline, strategic thinking, and team coordination
- Chess player leveraging strategic planning and critical analysis to maintain focus and optimize decisions in competitive scenarios.