

SUSHANT RAJ

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Profile Summary

- Proven ability to analyze large datasets, debug SQL queries, and transform data to drive business decisions.
- Strong command over SQL, Power BI, enabling efficient data manipulation and analysis.
- Proficient in creating compelling interactive dashboards using Power BI, enhancing data accessibility and understanding.

Education

Chandigarh University

BE in Computer Science and Engineering

2022-2026

Mohali, Punjab

Technical Skills

Languages: Python, C++, SQL

Python Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn

Tools: Power BI, GitHub, MS Excel, MySQL, SQLite

Platforms: Jupyter Notebook, Visual Studio Code, Google Colab, Google Looker Studio

Projects

Churn Analysis And Prediction | Python, SQL, Power BI | [Live Dashboard](#)

July 2025

- Built a churn prediction model using logistic regression and random forest, achieving 83% accuracy.
- Analyzed 7,000+ customer records to identify churn drivers through EDA.
- Created visualizations to uncover churn patterns, reducing irrelevant features by 30%.

Employee Performance Analysis | Power BI, Excel, SQL | [Live Dashboard](#)

June 2025

- Designed an employee performance dashboard visualizing metrics like satisfaction levels, ratings, and training opportunities for better workforce insights.
- Integrated multiple tables using SQL joins (ratings, satisfaction levels, education) to create a unified dataset, reducing data preparation time by 40%.
- Visualized key performance metrics such as self-rating vs. manager rating and work-life balance, improving performance tracking clarity by 50%.

Amazon Sales Dashboard | Power BI, DAX, Power Query | [Live Dashboard](#)

January 2025

- Developed an interactive dashboard to analyze Amazon sales, improving insight visibility by 70%.
- Transformed and cleaned large datasets using Power Query, reducing load time by 40%.
- Identified key product and region trends to support strategic decisions.

Certifications

- Databases and SQL for Data Science with Python – Coursera.
- Database Management System - Science Graduates – Infosys Wingspan.
- Google Advanced Data Analytics by Google - Coursera.
- Advanced Excel - Infosys Wingspan.
- Cloud Computing - NPTEL (IIT Kharagpur).

Research & Publications

- "Sentiment Analysis for NexaCart E-Commerce", co-authored and presented at the Information Technologies for Intelligent Decision Support (ITIDS-2024), June 2025.

The paper explores opinion mining on e-commerce customer feedback to improve product insights and user satisfaction.

- "Machine Learning Enabled Approach for UPI Fraud Detection.", ongoing research.

The paper presents a machine learning approach to detect fraudulent UPI transactions by analyzing user behavior and transaction patterns, aiming to enhance digital payment security.