

# SUSHANT RAJ

Mohali, Punjab

+91 9508865467

sushantraj893@gmail.com

Linkedin.com

Github.com

Portfolio

## Summary

- Proven ability to analyze large datasets, debug SQL queries, and transform data to drive business decisions.
- Strong command of SQL, Excel, and Power BI, enabling efficient data manipulation and analysis.

## Technical Skills

**Languages:** Python, C++, SQL

**Databases:** MySQL, SQLite

**Analytical Tools:** Power BI, Excel, Power Query, Looker Studio

**Platforms:** Jupyter Notebook, Visual Studio Code, Google Colab, GitHub

**CS Fundamentals:** Data Structures, OOP, DBMS, Operating Systems

## Education

### Chandigarh University

BE in Computer Science and Engineering

2022 – 2026

Mohali, Punjab

### DAV Public School (CBSE)

Intermediate

2022

Jamshedpur, Jharkhand

## 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.
- Established visualizations to uncover churn patterns, reducing irrelevant features by 30%.

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

June 2025

- Implemented 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

- Oracle Cloud Infrastructure 2025 Data Science Professional – Oracle. [View Credential](#)
- Databases and SQL for Data Science with Python – Coursera. [View Credential](#)
- Database Management System - Science Graduates – Infosys Wingspan. [View Credential](#)
- Google Advanced Data Analytics – Coursera. [View Credential](#)
- Cloud Computing – NPTEL (IIT Kharagpur). [View Credential](#)

## Research & Publications

”Sentiment Analysis for NexaCart E-Commerce”, co-authored and presented at **ITIDS-2024**, June 2025 [🔗](#)  
Explores opinion mining on e-commerce customer feedback to improve product insights and user satisfaction.

## Achievements & Extracurricular

Finalist in **Zinnovatio 2.0 Hackathon**, showcasing problem-solving and analytical skills in a competitive environment.  
Designed the official **CSE Department Newsletter**, highlighting skills in content design and collaboration.  
Completed a **Social Internship** (June-July 2023), contributing to community service and awareness initiatives.