

# Saumya Deep

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## SUMMARY

Aspiring Data Analyst with expertise in Python, SQL, Power BI, and Excel. Experienced in data cleaning, exploratory data analysis (EDA), and data visualization through academic projects, virtual internships, and job simulations. Adept at transforming raw data into actionable insights and skilled in applying AI and automation strategies to solve business problems. Seeking to contribute analytical and problem-solving skills to data-driven organizations.

## EDUCATION

**Master of Computer Applications in Data Science**, Lovely Professional University

Jun '25 — Jun '27  
Phagwara, India

**Bachelor of Computer Applications**, School of Management Sciences (CGPA: 8.04)

Sep '22 — Jun '25  
Varanasi, India

## SIMULATION & INTERNSHIP

### Data Analytics Job Simulation

Tata Group (Forage)

Jun '25

- Applied AI-powered data analytics and GenAI tools to conduct exploratory data analysis (EDA), assess data quality, identify risk indicators, and design a no-code predictive modeling framework for evaluating customer delinquency risk.
- Designed an AI-driven collections strategy by integrating ethical AI principles, regulatory compliance, structured model logic, and scalable implementation frameworks for financial services decision-making.

### Data Analytics Virtual Internship

Trainity Platform

Dec '24

- IMDB Movie Analytics**: Investigated factors influencing movie success, including genres, durations, languages, directors, and budgets. Conducted correlation analysis, statistical computations, and visualized insights using pivot tables and charts.
- Bank Loan Case Study**: Conducted Exploratory Data Analysis (EDA) to identify patterns in customer and loan attributes, addressing missing data, outliers, and data imbalance. Performed univariate and bivariate analyses to predict loan defaults. Developed expertise in data cleaning, descriptive statistics, and creating dynamic, actionable reports to derive key insights.

## PROJECTS

### ABC Call Volume Trend [Link](#)

Jan '25

- Learned about optimizing the customer experience through inbound call center data analysis.

### Impact of Car Features [Link](#)

Dec '24

- Analyzed the Impact of Car Features on Price and Profitability.

### Hiring Process Analytics [Link](#)

Nov '24

- Analyzed hiring datasets to uncover trends and provide actionable recommendations.

### Operation and Metrics Analytics [Link](#)

Nov '24

- Enhanced SQL skills and performed trend analysis to derive actionable insights.

### Instagram User Analytics [Link](#)

Oct '24

- Analyzed Instagram's data to reveal user patterns and generate custom reports.

## CERTIFICATIONS

**30 days Microsoft Power BI Course**, Skill Course

Dec '24

**Data Analysis Training**, Trainity

Dec '24

**Disney Hotstar Data Analysis Workshop**, WscubeTech

Nov '24

**Zomato Data Analysis Workshop**, WscubeTech

Oct '24

**AI Dashboards using Microsoft Power BI**, Skill Nation

Oct '24

**ChatGPT AI Hacks with MS Office**, Skill Nation

Feb '24

## KEY ACHIEVEMENTS

### Winner of Biz Plan Battle & Start-up Business Plan

Aug '24

Developed an in-home healthcare business plan prioritizing senior citizens.

### Winner of Case Chase Contest

Dec '23

Analyzed Amazon's marketing strategies and outcomes.

## SKILLS

**Programming Languages:** Python, R, Java, C, C++

**Web Development:** HTML, CSS, JavaScript

**Data Tools & Technologies:** MySQL, Power BI, Advanced Excel

**Data Analysis & Management:** Data Cleaning, EDA, Model Selection, Data Visualization, Analytical Reporting

**Emerging Technologies:** Generative AI, AI Strategy Design, Automation Planning

**Soft Skills:** Problem Solving, Adaptability, Communication, Leadership, Time Management, Teamwork