

Souradeep De

Aspiring Data Analyst

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PROFESSIONAL SUMMARY

Motivated and detail-oriented career switcher with a strong foundation in analytical thinking and a passion for turning raw data into actionable insights. Completed hands-on training in Python, SQL, and data visualization tools, with practical project experience in real-world datasets. Eager to contribute to a data-driven team and continue growing as a Data Analyst.

TECHNICAL SKILLS

Languages & Querying:	Python (Pandas, NumPy), SQL (MySQL, PostgreSQL), Excel (VLOOKUP, Pivot Tables)
Data Visualization:	Tableau, Power BI, Matplotlib, Seaborn
Analytics & Tools:	Google Analytics, Jupyter Notebook, Git, VS Code
Statistics:	Descriptive statistics, hypothesis testing, regression analysis, A/B testing basics

PROJECTS

E-Commerce Sales Dashboard

Python, Tableau | Personal Project | Jan 2025

- Analyzed 50,000+ rows of transactional data using Pandas to uncover sales trends and customer buying patterns.
- Built an interactive Tableau dashboard with KPIs including monthly revenue, top-selling categories, and regional sales performance.
- Identified a 22% revenue dip in Q3 caused by cart abandonment — proposed targeted discount campaigns as a solution.

HR Attrition Analysis

Python, Seaborn, Scikit-learn | Kaggle Dataset | Nov 2024

- Performed exploratory data analysis (EDA) on IBM HR Analytics dataset to identify key drivers of employee attrition.
- Created visualizations revealing that overtime and low job satisfaction were the top two predictors of attrition.
- Built a logistic regression model achieving 84% accuracy in predicting employee churn.

COVID-19 Trend Analysis in India

SQL, Python, Power BI | Government Open Data | Sep 2024

- Queried and cleaned COVID-19 state-wise data using SQL, resolving inconsistencies across 30+ data sources.
- Visualized infection and vaccination trends over 18 months using Power BI with dynamic slicers for state and wave filters.
- Presented findings in a structured report highlighting correlation between vaccination rollouts and case decline.

EDUCATION

Bachelor of Commerce (B.Com)

Calcutta University, Kolkata | Graduated: 2022 | GPA: 7.8/10

Data Analytics Bootcamp (Online)

Coursera / Google Data Analytics Certificate | Completed: Dec 2024

CERTIFICATIONS

- Google Data Analytics Professional Certificate — Coursera (2024)
- SQL for Data Science — UC Davis / Coursera (2024)
- Tableau Desktop Specialist — Tableau (2024)
- Python for Everybody — University of Michigan / Coursera (2023)

CORE COMPETENCIES

Critical Thinking • Data Storytelling • Attention to Detail • Problem Solving • Team Collaboration • Communication