

Rohan Dey

Data Analyst

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SUMMARY

Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI, and knowledge of Machine Learning, C, and C++. Skilled in cleaning, analyzing, and visualizing data to generate actionable insights and support data-driven decision-making. Passionate about applying analytical and technical expertise to collaborate on meaningful projects in fast-paced environments.

EDUCATION

Techno International Newtown, Kolkata	2021 – 2025
<i>B.Tech in Artificial Intelligence and Machine Learning</i>	CGPA: 7.60
Barasat P.C.S Govt High School, Barasat	2019 – 2021
<i>W.B.C.H.S.E, Science</i>	Percentage: 84.8%

TECHNICAL SKILLS

Programming & Querying: Python, C++, SQL, MySQL
Data Manipulation & Analysis: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SciPy
Data Visualization Tools: Power BI, Advanced MS Excel
Web Technologies: HTML, CSS, JavaScript (Basic), React.js (Basic)
Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics
Core Subjects: Object-Oriented Programming (OOP), Database Management Systems (DBMS)

INTERSHIPS

Codsoft	Virtual
<i>Data Science Intern</i>	Oct 2023

PROJECTS

Movie Recommendation System (<i>Python, NumPy, Pandas, NLTK, Streamlit</i>) [Link]	2024
<ul style="list-style-type: none">Gathered and cleaned data from multiple sources, including user ratings and movie metadata.Implemented content-based filtering approaches to generate personalized recommendations.Trained and evaluated models to improve recommendation accuracy.Deployed the model using Streamlit with a user-friendly web interface.	
Ola Data Analytics (<i>Python, SQL, Power BI</i>) [Link]	2024
<ul style="list-style-type: none">Created interactive Power BI dashboards with KPIs to derive actionable insights.Utilized SQL for querying and extracting answers to key business questions.Applied Python libraries (Pandas, NumPy, Seaborn, Matplotlib) to analyze and visualize data.	
Vendor Performance Analysis – Retail Inventory & Sales (<i>SQL, Python, Power BI</i>) [Link]	2025
<ul style="list-style-type: none">Optimized SQL ETL pipeline and performed Python-based EDA to evaluate vendor profitability, pricing, and inventory turnover.Built Power BI dashboards revealing 65.7% vendor dependency, \$2.71M unsold stock, and 72% cost reduction via bulk purchasing.	

CERTIFICATIONS & ACHIEVEMENTS

- Completed “Introduction to Data Analytics” – IBM (Coursera) [\[Certificate\]](#).
- Completed “Career Essentials in Data Analysis” – Microsoft & LinkedIn Learning [\[Certificate\]](#).
- Completed “SQL for Data Science” – University of California (Coursera) [\[Certificate\]](#).
- Secured 7th position among 21 teams in GDSC intra-college hackathon. (2023)

INTERESTS

Photography, Chess, Football, Exploring new data tech