

# 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

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

### INTERNSHIPS

<b>Codsoft</b> <i>Data Science Intern</i>	Virtual Oct 2023
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### PROJECTS

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

### CERTIFICATIONS & ACHIEVEMENTS

- Completed “Introduction to Data Analytics” – IBM (Coursera) [\[Certificate\]](#).
- Completed “Career Essentials in Data Analysis” – Microsoft & LinkedIn Learning [\[Certificate\]](#).
- Secured 7<sup>th</sup> position among 21 teams in GDSC intra-college hackathon. (2023)