Soumya Choudhury

Data Analyst

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Summary

- Data Analyst with strong foundations in data analysis, SQL, Python, Excel, and statistics.
- Hands-on experience in exploratory data analysis (EDA), data cleaning, visualization, and trend identification.
- Detail-oriented analyst with strong problem-solving skills and the ability to communicate insights to non-technical stakeholders.

Skills

Data Analytics: Data Analysis, Business Analytics, EDA, Data Interpretation, Data Cleansing, Data Processing
Programming: Python, Java, SQL
Visualization & BI: Power BI (familiar), Tableau (familiar), Excel Dashboards
Databases: MySQL, PostgreSQL, CSV-Based Data Analysis
Tools: Jupyter Notebook, Git, MS Excel, PowerBI
Concepts: Statistics, Time Series Analysis, Data Management, Reporting Automation
Soft Skills: Communication, Analytical Thinking, Attention to Detail, Collaboration

Work Experience

Assistant Systems Engineer   Apr 2025 – Present
Tata Consultancy Services (TCS), Kolkata, India
- Analyzed structured datasets using SQL to support backend reporting and performance analysis.
- Performed data validation and consistency checks to ensure accuracy across systems.
- Collaborated with cross-functional teams to understand data requirements and reporting needs.
- Supported automation of routine data extraction and analysis tasks using scripts.

Full Stack Java Developer Intern   Mar 2024 – Jun 2024
Infosys Springboard, Remote
- Gained hands-on experience in backend development, testing, and application debugging.
- Worked with databases and APIs while following SDLC and documentation standards.
- Collaborated with mentors to enhance application performance and code quality.
- Developed a strong foundation in software engineering practices.

Education

B.Tech in Information Technology   Dec 2020 – Jun 2024
Techno Main Salt Lake, Kolkata, West Bengal (DGPA: 8.33)

Higher Secondary Education (10+2)   Apr 2019 – Apr 2020
Techno India Group Public School, Siliguri, West Bengal (73%)

Secondary Education   Apr 2017 – Apr 2018
Techno India Group Public School, Siliguri, West Bengal (77%)

Projects

COVID-19 Global Data Analysis Case Study [Code]

- Performed end-to-end exploratory data analysis on global COVID-19 confirmed, deaths, and recovery datasets using Python.
- Cleaned and aggregated time-series data to analyze country-wise, monthly, and yearly trends.
- Identified key insights including peak periods, recovery rates, and high-impact regions.
- Built visualizations using matplotlib to compare countries and track trends over time.

Obesity Category Predictor [WebApp Link] — [Code]

- Analyzed health and lifestyle datasets using Python for feature selection and statistical insights.
- Conducted EDA and built visualizations to support model interpretation and decision-making.

Certifications

- Oracle Cloud Infrastructure 2025 Certified Developer Professional
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional