

DIVYANSHU SINGHAL

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PROFESSIONAL SUMMARY

Recent Mathematics (Hons.) graduate with strong academic foundation in Applied Math and Statistics, analytical and problem-solving skills. Experienced in data analysis using SQL, Python, Excel. Passionate about uncovering insights from data and creating impactful visualizations to support business decisions.

SKILLS

- Languages & Tools: SQL, Python, Excel, Power BI, Jupyter Notebook, Google Analytics
 - Techniques: Data Cleaning, EDA, Inferential Statistics, Data Visualisation, ML, Generative AI
 - Soft Skills: Communication, Problem-Solving, Logical Reasoning, Team Collaboration
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EDUCATION

Bachelor of Science Hons. in Mathematics - University of Delhi | 2022 – June 2025

Specialized in Pure & Applied Mathematics, with exposure to Python, R, and statistical modeling

Class XII (CBSE) – MAMS, Delhi | 2020 – 2021

- Science stream with Physics, Chemistry, Mathematics, and Computer Science (Avg. 80%)
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PROJECTS

Sales Data Analysis (Personal Project)

- Analysed retail sales data using Python (Pandas, Numpy) to identify seasonal trends and high-performing products
- Provide actionable insights that could potentially boost revenue by 10-15%

Fraud Detection Analysis (Personal Project)

- Performed Fraud Detection analysis using credit card transaction dataset
- Conducted EDA and visualized Fraud customer groups based on behavior and demographics
- Identifying patterns indicative of fraudulent behavior. The objective is to uncover structural insights, feature relationships, and anomalies that can inform downstream modeling strategies.

Walmart Data Cleaning Project(Personal Project)

- Conduct a data cleaning process using Pandas and Numpy to remove duplicates, null values, datatype correction, standard formatting, data separation on Walmart sales data set
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CERTIFICATIONS

- Power BI Course – Infosys, Aug 2024
 - Data Analytics Essentials – Cisco, Aug 2024
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PORTFOLIO

GITHUB- <https://github.com/RedHairShankS007?tab=repositories>