ARPAN GHOSH

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LinkedIn ◇ GitHub

SKILLS

Database	SQL
Python	Pandas, NumPy, MatPlotLib, Seaborn
Visualization	**Microsoft Power BI**,
Excel	**VLookup**, Conditional Formatting, Pivot Tables,

PROJECTS

1. Crime Analysis Against Schedule Caste (Link) — November 2024

- Analyzed Crime Trends **Against Scheduled Castes**: Conducted a detailed analysis of crime rates across **various states**, focusing on crimes against Scheduled Castes, identifying key patterns and trends in the data.
- Created Visualizations with **Matplotlib and Seaborn**: Developed clear and **insightful visualisations** using Matplotlib and Seaborn, highlighting the distribution and trends of **crimes across different regions** to inform decision-making.
- **Data Cleaning and Preprocessing**: Cleaned and processed the dataset using Pandas, handling missing data, outliers, and inconsistencies, ensuring a reliable dataset for accurately **analysing crime trends**.
- **Collaborated in a Team Environment**: Worked effectively within a team, contributing to the overall project design, ensuring **proper analysis methodology and maintaining high data integrity** throughout the process.

2. Interactive Power BI Dashboard for Shop Inventory and Sales Analysis (Link) — December 2024

- Developed an interactive Power BI **dashboard to visualize shop inventory data** by product category, stock levels, and sales trends.
- Led **data manipulation**, **SQL integration**, and dashboard design as a team leader.
- Extracted insights into **product performance**, sales patterns, and **restocking requirements** using dynamic exploration filters.

INTERNSHIP

1. Problem Solving in Python Programming at **EUPHORIA GENX** (Link) — June 2024 - December 2024

- Completed an extensive **Python training program** at Euphoria GENX, gaining proficiency in data manipulation, analysis, and **problem-solving techniques**.
- Enhanced **analytical thinking and problem-solving abilities** through hands-on coding challenges and real-world scenarios, **improving efficiency** in tackling complex problems. .
- **Leveraged Python skills** to clean, analyze, and visualize data, demonstrating **strong technical expertise** in utilizing libraries like **Pandas, Matplotlib, and Seaborn** for data-driven decision-making.

EDUCATION

- Data Analytics, Masai School **Bengaluru, India**	SEPTEMBER 2024 - Present
- B.Tech in ECE, Narula Institute of Technology (MAKAUT) **8.8 CGPA**	2020 - 2024
- Higher Secondary(PCMC), WBCHSE board. **91%**	2019 - 2020

CERTIFICATIONS & ACHIEVEMENTS

1. Python Certification at **EUPHORIA GENX** (Link)

- Successfully completed the **Python training program from Euphoria GENX,** gaining in-depth knowledge and skills in Python programming and**problem-solving**.

2. 5-Star Rating in Python Problem Solving at **HackerRank** (Link)

- Achieved a **5-star rating in Python** problem solving on **HackerRank**, demonstrating advanced coding skills and the ability to **solve complex challenges**.

3. 4-Star Rating in MySQL at **HackerRank** (Link)

- Earned a **4-star rating in MySQL** on **HackerRank**, showcasing **strong capabilities in database management** and **query optimization**.