ARNAB MAJUMDER

Agartala, Tripura

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Project

Credit Card Fraud Detection   **Dec 2024 - Jan 2025**
- ○ Developed a predictive machine learning model using Logistic Regression to detect fraudulent credit card transactions.
- ○ Effectively handled class imbalance using under-sampling techniques for improved model performance.
- ○ Conducted data preprocessing, feature engineering, and statistical analysis to derive actionable insights for fraud prevention.

Netflix Data Analysis   **Nov 2024 − Dec 2024**
- ○ Implemented SQL queries to analyze Netflix content trends, including type distribution, top-performing directors and actors.
- ○ Conducted country-specific analyses to identify top content directors and yearly content growth patterns.
- ○ Utilized advanced SQL techniques like window functions, string manipulations, and CTEs for detailed search of Netflix's content.

Amazon Sales Analysis   **March 2024 − April 2024**
- ○ Analyzed Amazon sales data to uncover trends and optimize business strategies using advanced data analysis techniques.
- ○ Cleaned, explored and visualized Amazon sales data with Python libraries like Pandas, NumPy, Matplotlib, Seaborn.
- ○ Translated insights into actionable strategies to drive business growth through effective data visualization.

Road Accident Dashboard   **Jan 2024 - Feb 2024**
- ○ Designed an interactive Tableau dashboard to analyze road accident data by different years and severity levels.
- ○ Integrated dynamic filters for year and geospatial mapping for detailed casualty analysis and actionable insights.
- ○ Leveraged Tableau for advanced data visualization and dashboard development to enhance data interpretation.

Achievements

3 Star Rating in SQL on HackerRank	Jan 2025
3 Star Rating in Python on HackerRank	Jan 2025
4 Star Rating in Java on HackerRank	Dec 2024
Solved 300+ Coding problems on GeeksforGeeks.	Aug 2023

Certificates

Data Analysis Essential	Cisco	Dec 2023
Data Analysis and Visualization Job Simulation	Accenture	Dec 2023
DSA Self-Paced	GeeksforGeeks	Aug 2023
Certification Course on Microsoft Excel	Lovely Professional University	Feb 2022

Technical Skills

Programming Languages: Java, Python

Web Technologies: HTML and CSS, Bootstrap, PHP

Data Visualization: MS Excel, Google Sheets, Tableau, Power BI, IBM Cognos Analytics

Data Management: SQL, PostgreSQL

Data Management: Problem-Solving Skills, Team Player, Adaptability

Education

Lovely Professional University Punjab   **2022 − Present**
Bachelor of Technology - Computer Science and Engineering — CGPA: 7.44   *Jalandhar, Punjab*

Lovely Professional University Punjab   **2019 − 2022**
Diploma - Computer Science and Engineering — CGPA: 9.20   *Jalandhar, Punjab*

Sri Krishna Mission School   **2017 − 2018**
Matriculation — CGPA: 8.60   *Agartala, Tripura*