Niraj Kumar

LinkedIn: https://www.linkedin.com/in/kumarniraj04/ Email: kumarniraj11045@gmail.com
GitHub: https://github.com/niraj987 Mobile: +91-9709678176

SKILLS

- **Languages**: Python, Pandas, NumPy, HTML, CSS, JavaScript (Basic), SQL, C, C++, Java
- **Frameworks**: Flask
- **Tools/Platforms**: Jupyter notebook, Spyder notebook, GitHub, VS Code, Power BI, Excel, MySQL Workbench
- **Skills:** EDA, Data Visualization, Statistics, Hypothesis testing, Data Analysis, Predictive analysis, Risk Management
- **Soft Skills**: Time Management, Adaptability, Problem-Solving, Leadership, Communication, Collaboration

PROJECTS

Credit card fraud Detection — Mar' 26

- This project is an end-to-end Machine Learning pipeline designed to identify fraudulent credit card transactions. Credit card fraud is a massive problem in the Fintech, Banking, and Payments industries (e.g., Paytm, PhonePe, Razor pay). This project tackles the inherent **high-stakes class imbalance** problem, where fraudulent transactions are extremely rare compared to normal transactions.

Tech Stack: Python, MYSQL, Machine Learning Model, Scikit-Learn, Matplotlib

Sugar Consumption Analysis Using Python (Data Cleaning, EDA & Visualization) — Apr' 25

- Analyzed sugar-consumption datasets by cleaning, organizing, and visualizing raw data using Python (Pandas, Matplotlib) to identify consumption trends across age groups and regions. This analysis addresses **global health concerns** by identifying direct correlations between sugar intake and rising metrics like obesity and diabetes. By uncovering historical consumption and economic trends, it helps stakeholders make informed decisions regarding dietary regulations and worldwide sugar trade.

Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn

TRAINING

Lovely Professional University (LPU), Punjab — Jun' 25 - Jul'25

Learned core data analytics techniques by collecting, cleaning, and processing datasets using Python, Excel, and MySQL to build a strong foundation in data handling and interpretation. Created interactive visual dashboards in Power BI and applied analytical methods to interpret trends, summarize insights, and support data-driven decision-making
Learned: Power BI, MYSQL, Excel, Python, Exploratory Data Analysis, Visualizations, Dashboards

CERTIFICATES

- Risk Management Specialization - Coursera — Mar' 26
- The Complete data Analyst Bootcamp - Udemy — May' 25
- Computer Communications - Coursera — Oct' 24
- Fundamentals of Network Communication – Coursera — Oct' 24
- Introduction to Hardware and Operating Systems - Coursera — Sep' 24
- The Bits and Bytes of Computer Networking - Coursera — Sep' 24
- Excel Dashboard for Beginners - Simplilearn — Apr' 24
- Learning Python for Data Analysis and Visualization Ver 1 - Udemy — Feb' 24

ACHIEVEMENTS & VOLUNTEERING

- Solved 100+ DSA Problems in Java on Leetcode — Mar' 26
- NGO participation
  Played a key role in delivering health, food, education, and other programs at Mother Teresa Sanstha — Jun' 24

EDUCATION

Lovely Professional University — Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 5.95** — Since Aug' 23

Chattradhari High School Dalsinghsarai, Bihar Senior Secondary: Percentage - 82.6% — Apr '19 - Mar '21

Chattradhari High School Dalsinghsarai, Bihar Matriculate: Percentage - 80.8% — Apr '18- Mar '19