AMAN YADAV

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SUMMARY

Motivated Computer Science student specializing in Internet of Things with strong expertise in data analytics and machine learning. Proficient in Python, SQL, and data visualization tools (Power BI, Tableau) with hands-on experience in healthcare and e-commerce analytics projects. Skilled in building predictive models and deriving actionable insights from complex datasets. Seeking opportunities to apply analytical and problem-solving abilities to drive data-driven decision-making and business growth.

EDUCATION

Lamrin Tech Skills University — Punjab, India
Bachelor of Technology in Computer Science Engineering (Specialization: Internet of Things) — *2023 – 2027*
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Web Development, Database Systems, Operating Systems

Sant Param Dayal Higher Secondary School — Uttar Pradesh, India
Higher Secondary Certificate (10+2) — *Graduated 2023*

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL
Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Power BI, Tableau, Excel
Machine Learning: Scikit-learn, Logistic Regression, Random Forest, Clustering Algorithms
Database Technologies: MySQL, DBMS, SQL Server
Developer Tools: Git, TinkerCAD, Power Point, Canva

PROJECTS

Healthcare Data Analysis for Disease Prediction | *Python, Scikit-learn, Power BI* — 2024
- Developed a predictive analytics model to identify potential disease risks using patient health records and lifestyle data, improving early diagnosis accuracy by implementing machine learning algorithms
- Led end-to-end data pipeline including collection, preprocessing, and exploratory data analysis on healthcare datasets with 10,000+ patient records
- Implemented logistic regression and random forest classification models achieving high prediction accuracy for disease outcome forecasting
- Created interactive Power BI dashboards to visualize disease risk patterns and trends for stakeholders

E-Commerce Sales & Customer Behavior Analysis | *Python, SQL, Tableau, Excel* — 2024
- Conducted comprehensive data analysis of e-commerce platform to identify sales trends, customer purchase patterns, and product performance metrics
- Performed data cleaning and preprocessing on large datasets, reducing data inconsistencies by 30% and ensuring data quality for analysis
- Applied customer segmentation using clustering techniques to identify high-value customer groups and optimize targeted marketing strategies
- Built Tableau dashboards with sales forecasting models to support business decisions on pricing and inventory management

CERTIFICATIONS

Deloitte Data Analytics Job Simulation — 2024

Microsoft Power BI — 2024

Tableau for Data Visualization — 2024