ALOK TIWARI
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Final-year AI & Data Science student aspiring to be a Data Analyst. Skilled in Python, SQL, Machine Learning, and Data Visualization. Infosys Spring intern with hands-on experience in Django-based applications. Passionate about turning data into insights.

EDUCATIONAL QUALIFICATIONS

- Pursuing BE (Artificial Intelligence & Data Science) from Sandip Institute of Technology & Research Centre (2021 - Present), currently holding a CGPA of 8.30.
- Completed HSC from Late Sau Vidya Vinod Adhikari College, Boisar with 62% from 2020-2021
- Completed SSC from Shri Raghuvir English High School, Boisar with 68% from 2018-2019

SKILLS

- Programming & Data Analysis: Python (Pandas, NumPy, Django), SQL (Joins, Subqueries), Excel (Pivot Tables, VLOOKUP)
- Data Visualization: Tableau, Power BI, Matplotlib, Seaborn
- Databases: MySQL, PostgreSQL
- Statistics & Machine Learning: Regression, Hypothesis Testing, A/B Testing
- ETL & Data Cleaning: Data Preprocessing, Web Scraping

PROJECTS

CNN-Based CAD Detection System (Final Year Project)
- Developed a Deep Learning model using CNN for Cardiac Artery Disease (CAD) detection.
- Pre-processed medical imaging data to enhance model accuracy.
- Trained and optimized the model using TensorFlow for precise diagnosis.
- Evaluated performance using accuracy, precision, and recall metrics.

Online Food Ordering System (Infosys Springboard Internship, [June 2024]) **certificate link**
- Developed a web-based application using Django for users to create accounts, order food, and track orders.
- Implemented user authentication, order management, and payment processing features.
- Designed a responsive UI using HTML, CSS, JavaScript, and Bootstrap for a seamless experience.
- Utilized SQLite (Django's default database) for efficient data storage and retrieval.

E-commerce Sales Dashboard [November 2024]
- Built an interactive Excel dashboard to analyze sales, profit, and product performance.
- Integrated user controls for category-based filtering and dynamic insights.
- Automated sales and profit calculations using SUMIFS formulas.
- Designed visual reports with charts and shipping analysis for better decision-making.

CERTIFICATIONS

- Google Data Analytics Professional Certificate (In Progress) – *Coursera*
  - Completed: *Data, Data Everywhere & Ask Questions to Make Data-Driven Decisions*
- Machine Learning Course – Infosys Springboard
- Python Foundation – Infosys Springboard
- Certification Repository: GitHub