Navanil Das

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LinkedIn | GitHub

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech Computer Science (Health Informatics)	VIT Bhopal University	8.36 (Current)	2022-Present
Class XII	Essar International School (CBSE)	85.8%	2022
Class X	Essar International School (CBSE)	92.8%	2020

SKILLS

Programming: Python (Pandas), SQL, Java, Notion
BI Tools: Tableau, MS-Excel
Certifications: IBM Data Analyst, Accenture Data Analytics and Visualization, The Bits and Bytes of Computer Networking (Google), SQL (HackerRank)

WORK EXPERIENCE

Jindal Stainless Limited   **Odisha**
Data Analyst Intern   **October. 2024 – December. 2024**

- Leveraged **SQL**, **Excel**, and **Tableau** to analyze **20K+ HR records,** delivering real-time dashboards and automating reports used across HR and IT departments.
- Streamlined manual reporting workflows, **reducing turnaround time by 20–30%**, and enhanced organizational data visibility for strategic decision-making.

Insight Fusion Analytics   **Mumbai (Remote)**
Data Analyst Intern   **April. 2025 – July. 2025**

- Developed end-to-end data pipelines and dashboards using **Python**, **Excel**, **and public APIs** for stock market and sports analytics, optimizing insights for **10+ client deliverables.**
- Accelerated client reporting cycles by **reducing delivery time from ~5 days to 2–3 days**, boosting analytics-driven decision-making across domains.

ACADEMIC PROJECTS

- **Road Accident Analysis:** Designed a dynamic **Tableau dashboard** with KPIs and interactive filters to analyze **100K+ crash records**, enhancing cross-departmental coordination and **slashing reporting time by ~60%.**

- **Credit Card Fraud Detection:** Built a **Logistic Regression** model in **Scikit-learn** with **93.5% test accuracy** on an imbalanced dataset; handled end-to-end data preprocessing, model training, and evaluation.

- **Ola – Data Exploration and Insights:** Simulated a **1L+ row dataset** for Bengaluru using synthetic data and executed advanced **SQL querying** (10+ views/aggregates) to uncover patterns in booking success, cancellations, and customer behavior.

- **Diabetes Retinopathy Detection:** Applied **transfer learning** with **EfficientNet B4** on the **APTOS dataset**, achieving **78% validation accuracy** and building a strong foundation in medical AI and computer vision applications.

- **Airbnb Dashboard Visualization:** Engineered an interactive **Tableau dashboard** for **50K+ NYC listings** to explore pricing, reviews, and neighborhood trends, supporting strategic insights for short-term rental planning.

PUBLICATION

A SMART WINDOW SYSTEM AND METHOD FOR DYNAMIC SOLAR ENERGY CONTROL   **April. 2024**
Patent

- Invented a **temperature-responsive Hydrogel-based smart window** with CPV integration, reducing up to **50% energy waste** and enhancing building energy efficiency.

RESPONSIBILITIES & ACHIEVEMENTS

- **Team GarVIT – E-BAJA (Manufacturing & Inventory Department):** Managed inventory and logistics for EV assembly, driving a **20% improvement** in build efficiency and supporting successful national-level E-BAJA competition participation.

- **Smart India Hackathon 2024:** Selected through multi round internal hackathon and nominated by college to represent in SIH 2024 national-level competition after rigorous evaluation.