Sarthak Dwivedi

+91 8318612431 - - 44dwivedisarthak@gmail.com   -   LinkedIn   -   github

EDUCATION

ABES INSTITUTE OF TECHNOLOGY   **GHAZIABAD,UP**
B.TECH —CSE-(DATA SCIENCE)   *(AKTU)2021 - 2025*
ST. MARY'S CHRISTIAN SCHOOL   **GHAZIABAD,UP**
INTERMEDIATE — STREAM-SCIENCE   *(CBSE)2021*
HOLY ANGEL'S SR.SEC. SCHOOL   **GHAZIABAD,UP**
HIGH SCHOOL   *(ICSE)2019*

TECHNICAL SKILLS

Programming Languages: C/C++, DSA, Python, Core Java, MySQL, Power BI, Excel.
Libraries and Tools: Pandas, Matplotlib, NumPy, Scikit-learn, Jupyter Notebook, Machine Learning (Basics)

CERTIFICATION

Kaggle (Python)
- Mastered essential Python programming concepts and applying them to real-world data science projects and competitions. Enhanced proficiency in **data manipulation**, visualization, and machine learning algorithms, poisedto contribute effectively to data-driven initiatives.

Success Computers (Advance Programming (C++))
- Master advanced **OOP** concepts like inheritance, polymorphism, and encapsulation.
- Explore complex **data structures** and **algorithms** .
- **Optimize code** for performance.

Accenture North America Data Analytics and Visualization Job Simulation on Forage - March 2024
- *Data Analytics and Visualization **Job***
- Cleaned, modelled and analyzed **7 datasets** to uncover insights into content trends to inform **strategic decisions**.
- Prepared a **PowerPoint** deck and video presentation to communicate key insights for the client and internalstakeholders.

PwC Switzerland Power BI Job Simulation on Forage - 2024
- *Power BI Job Simulation*
- Completed a job simulation where I strengthened my **Power BI** skills to better understand clients and their **data visualization** needs.
- Demonstrated expertise in data visualization through the creation of **Power BI** dashboards that effectivelyconveyed **KPIs,** showcasing the ability to respond to client requests with well-designed solutions.

PROJECTS

- **School Database System (C++)**
- Streamlined staff management processes by automating scheduling and communication, resulting in a **30%** reduction in administrative workload and enhancing overall **staff engagement** and productivity across **40+ faculty members.**
- **Efficiency Improvement:** Increased operational efficiency by 40%.
- Faster Data Retrieval: **Reduced data retrieval times by 30%.**
- **HR Dashboard (Power BI)**
- Developed an HR dashboard using **Power BI** to visualize and analyze employee data, effectively communicating key metrics such as employee **count, gender distribution**, tenure, **promotions, and job levels**. Implemented **interactive visualizations**, improving HR decision-making by **35%** and enhancing data comprehension by **40%**.
- **Sales report using Excel**
- Dissected customer demographics revealing that adult customers from Maharashtra accounted **for 60%** of total sales; insights shaped targeted marketing strategies, enhancing customer engagement and optimizing advertising spend for improved ROI.
- Analyzed sales dashboard data, identifying September as the peak month with **$2.5 million** in sales; Western Dress emerged as the leading product, significantly enhancing overall revenue contributions from the clothing category.

EXTRACURRICULAR ACTIVITIES

- Engineered a predictive analytics model that improved decision-making processes during the **Mind Meld competition**, leading to a notable increase in participant engagement and securing a runner-up finish against **70+** competitors.
- **Hacknovate 4.0 - (Participation)**
- Participated in the **Smart India Hackathon 2023**, collaborating with a diverse team of **6** to develop an innovative solution that addressed real-world challenges.