Yukti Garg

Hapur, Uttar Pradesh, India

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PROFESSIONAL SUMMARY

- Computer Science student with a strong data analytics and data science foundation.
- Skilled in SQL (joins, aggregations, window functions, query optimization).
- Experienced in building machine learning models (classification, regression) and dashboards using Power BI.
- Proficient in Python for data cleaning, preprocessing, and predictive modeling.
- Actively seeking data-driven roles to apply analytical expertise to solve real-world problems.

EXPERIENCE

Orangebits Software Technologies Pvt. Ltd.
Frontend Developer Intern | September 2024 – December 2024 | Remote

- Implemented **12+ dynamic UI components** for a School Management System, reducing manual processing time by **30%**.
- Integrated **10+ Java-based APIs** and facilitated **seamless data exchange**, yielding **99.9% API uptime** for high-demand endpoints.
- Managed delivery alongside a team of 4, following agile practices (Scrum).

PROJECTS

Online Courses Analysis Dashboard GitHub

- Built an **interactive Power BI dashboard** for analyzing course trends from EdTech websites.
- Cleaned and transformed raw data using **Power Query**; designed category-wise visual insights.
- Used **slicers** and **filters** to compare course views, languages, and skills across categories.
  Tech Stack: Power BI, Data Modeling, Power Query, Dashboard Design

SQL Business Case Studies GitHub

- **Practiced and solved 50+ real-world SQL interview questions** (sales analysis, customer segmentation, marketing impact) from platforms like LeetCode and InterviewBit.
- Wrote optimized SQL queries using **joins, aggregations, CTEs, and window functions**.
  Tech Stack: SQL

Forest Fire Risk Prediction GitHub

- Built **end-to-end regression model (R^2 = 0.9848, MAE < 0.55)** to predict Fire Weather Index (FWI) for **100+ locations in Algeria.**
- Performed **comprehensive Exploratory Data Analysis** to uncover seasonal and regional fire patterns across the Brjaia and Sidi-Bel.
- Visualized **monthly fire distribution** using grouped bar charts and pie plots to highlight the frequency and classification of fire events.
  Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Jupyter Notebook

TECHNICAL SKILLS

Data & Analytics: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Data Wrangling, Data Visualization, Statistics, Machine Learning
Programming: Java, Data Structures & Algorithms
Web & Frontend: HTML, CSS, JavaScript, React JS, Tailwind CSS
Tools & Databases: Power BI, Jupyter Notebook, Git, Microsoft Excel, Word, PowerPoint, MySQL, PostgreSQL, SQLite
Soft Skills: Effective Communication, Team Collaboration, Problem Solving, Strategic Vision

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University	*Ghaziabad, Uttar Pradesh*
Bachelor in Computer Science and Engineering – 8.5/10	*2022-Present*
Dewan Public School	*Hapur, Uttar Pradesh*
XII (CBSE) – 95.6%	*2022*
X (CBSE) – 91.1%	*2020*