YASH SONKHIYA

New Delhi, Delhi

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Education

Noida Institute of Engineering and Technology, *Uttar Pradesh* **2020 - 2024**
B.Tech in Computer Science and Engineering *(CGPA of 8.6)*
Lovely public Ser. Sec. School, *Delhi* **2019 - 2020**
Class 12th (PCM) *85%*

Projects

T20 Team Selection Dashboard: Data-driven Insights for Optimal Performance *Jan 2023*
- Developed a T20 Team Selection Dashboard using **Power BI**, **Pandas**, and **DAX measures**. Utilized **data cleaning, transformation, and web scraping** to analyze player statistics, enabling **data-driven decisions** for competitive cricket team composition.
- Demonstrated expertise in data manipulation and analysis through proficient execution of the **ETL process** using Pandas. Applied DAX measures for advanced calculations and selected **key performance indicators (KPIs)** for batting, bowling, and all-rounders, showcasing a strategic approach to T20 team selection.

HR Attrition Insights: Empowering Retention Strategies with Actionable Analytics *Nov 2022*
- Created an interactive HR dashboard using Microsoft Power BI, leveraging a **Kaggle** dataset, to analyze attrition rates and identify factors influencing employee turnover.
- Generated an insightful **report with actionable suggestions** based on the dashboard analysis, enabling the HR team to implement targeted strategies for improving employee retention and satisfaction.

Profile Links

Hackerrank **Git-Hub** **Portfolio**

Work Experience

DBT Mission, Government of India – *Web Developer* June 2022 – July 2022
- Orchestrated **cross-functional collaboration** with the creative team, fostering a **synergistic environment** that led to the timely and successful completion of projects.
- Spearheaded application **design and development initiatives**, leveraging expertise in cutting-edge technologies to **create innovative** and **user-centric solutions**.

Technical Skills

Languages: Python, R, SQL, HTML, CSS, SQLite3
Technology : WordPress, Excel, PowerPoint , Tailwind , Notion ,AI Prompt Writing
Software's: VS Code, Microsoft office, adobe Photoshop, Power BI, Tableau

Achievements

1. **1st position** in the Data Digest competition at "**Ebullience-23**" technical fest held at **Noida Institute of Engineering and Technology, Uttar Pradesh.**
2. **2nd position** in the Inter-School Team event on "**Atal Robo-War**" (2020) at **Lovely Public Senior Secondary School, Delhi.**
3. Demonstrated a prototype of a **Sewage Cleaning Robot** in the International Exchange seminar on "**Promoting Public Awareness of IP, IP Education and Fostering Creativity Among Youth**" (2019) organized by the **Japan Patent Office (JPO)** supported by **Ministry of Commerce and Industry, Government of India.**
4. Demonstrated a **Smart City Model** at **CBSE Regional Science Exhibition (2019)** held at **ASN Senior Secondary School, Delhi.**

Extra-Curricular Activities

- Orchestrated "**CLUTCH 2.0**" a prestigious esports tournament at **Noida Institute of Engineering and Technology, Greater Noida.**
- Collaborated with the esteemed **REBOOT CLUB of NIET** to **facilitate seamless execution of diverse college events**, encompassing technical quizzes, development challenges, and competitive engagements.