Shaziya khan

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Profile summary

Data Analytics professional skilled in statistical analysis, data visualization, and real-time data processing. Proficient in Python, SQL, Tableau, and Power BI. Experienced in data cleaning, EDA, machine learning, and developing scalable data pipelines to drive actionable insights and optimize performance.

Core Skills: Python, SQL, Tableau, Power BI, EDA, Predictive Analytics, Data Wrangling, Statistical Analysis

Experience

College startup
Project: Gliph - Smart Electronic Pen
Role: Researcher,App developer
Duration: January 2023-January 2024

- Improved motion tracking with ADXL345 and FSR sensor, increasing accuracy by 20%.
- Reduced data latency by 15% with Pygame integration for real-time trail visualization.
- Designed UI in Figma for Gliph app, boosting user engagement by 30%.
- Explored OCR and speech-to-text tech for future app features.
- Built a cross-platform version of the Gliph app using Flutter for seamless user experience.

Education

BE in Electronics and Computer Science **|** Currently in 3rd Year
Anjuman Islam Kalsekar Technical Campus, Panvel

Project

Global energy consumption analysis

Analyse a dataset containing **5 columns**: country, commodity-transaction, year, unit, and quantity to evaluate trade patterns, identify trends across **multiple years**, compare commodity categories, and quantify variations in transactions by **10%-15%** for actionable insights using Power BI.

Skills & Abilities

Technical Skills:

- Python (Pandas, NumPy, Seaborn, Matplotlib), MySQL, **ChatGPT**
- Power BI, Tableau, Excel (Pivot, Charts)
- Data Cleaning, Transformation, Modelling
- Statistical Analysis (Descriptive, Predictive)

Soft Skills:

- Teamwork, Communication
- Problem Solving, Efficiency

Certifications

- **Python for Data Science and Machine Learning Bootcamp, Udemy** | Completed: January 2024 | Level: Intermediate

- **Introduction to Data Analytics, Great Learning** | Completed: May 2024 | Level: Beginner

- **Power BI for Beginners,** Simplilearn | | Completed: December 2024 | Level: Beginner

Achievements

- Ranked 3rd in Internal Hackathon (Sept 2023)
- Consolation Prize Winner, 2024 Inter-College Hackathon
- Design Lead | Elite club | January 2023 – Present