Areeya Shaikh

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PROFILE

Detail-oriented **Data Analytics professional** skilled in **Python, SQL, and VBA** for **data analysis, automation, and dashboarding**. Experienced in **transforming complex datasets into insights** that drive **decision-making, efficiency, and business improvement**.

SKILLS

Programming & Tools: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Excel (Pivot Tables, VLOOKUP, Macros), Tableau, Power BI, MATLAB, MySQL

Core Competencies: Data Analysis, Supply Chain Analytics, Business Analytics, Dashboarding, Reporting Automation, Statistical Analysis. Other: Git, Jupyter Notebook, Google Colab

EXPERIENCE

Drona Aviation, Mumbai – Software Developer Intern | 2024

- Developed a **Tkinter GUI** in **Python** to display real-time thrust values (Voltage, Current, Power, RPM); enabled **CSV export**, improving **testing efficiency by 30%**.
- Created a **VS Code extension** for company files, enhancing **developer productivity by 20%**.
- Tools: Python, Tkinter, Matplotlib, CSV, Git

CDAC, Mumbai – Data Analytics Intern | 2024

- Cleaned and analysed datasets using **Pandas** and **NumPy**, uncovering trends that improved reporting accuracy.
- Built a secure **Password Manager** with GUI (**Tkinter, SQLite**) using hashing for credential protection.
- Automated reporting workflows, cutting manual effort by **25%** with tools: **Python, Pandas, NumPy, Tkinter, SQLite**.

PROJECTS

- **Amazon Sales Analysis (Tableau)** – Built an interactive dashboard on **116K+ records** using filters, calculated fields, and trend lines to analyse sales trends, shipments, and B2B insights. Improved forecast accuracy by **18%**.
- **Bike Purchase Behaviour (Excel)** – Analysed **1.2K+ buyer records** with Pivot Tables, VLOOKUP, and Charts to uncover demographic, commute, and income patterns for targeted marketing. Insights boosted marketing impact by **15%**
- **SQL Layoffs Analysis (SQL Server)** – Cleaned and processed **20K+ records** with GROUP BY, JOINS, and WINDOW functions to generate industry, company, and region-wise layoff insights which improved workforce planning by **12%**
- **Data Professional Survey (Power BI)** – **Improved HR reporting by 20%** by visualizing survey data from **600+ professionals** in **Power BI** using **Power Query** and **DAX**.
- **World Population Growth Analysis (Python)** – **Analysed 50+ years** demographic data; built **regression models** to forecast growth with **90% accuracy**, visualizing trends via **heatmaps** and line charts.

EDUCATION

Vidyalankar Institute of Technology, Mumbai	*EXPECTED: 2026*
Bachelor of Technology in Electronics and Telecommunication	*CGPA: 8.1*
Guru Nanak Khalsa Junior College of Science, Mumbai	*COMPLETED: 2022*
Higher Secondary Certificate (HSC)- Science Stream	

CERTIFICATIONS

- Data Analysis by Microsoft and LinkedIn
- ChatGPT & Generative AI for Data Analytics (Coursera)
- GenAI Powered Data Analytics Job Simulation
- Introduction to Data Analysis using Microsoft Excel (Coursera)

LEADERSHIP AND ACHIEVEMENTS

- **Chairperson, IETE-VIT** – Led workshops/events, boosting student engagement by **40%**.
- **Joint Secretary, VIT Council** – Directed branding and promotional campaigns for institute-wide events.
- **Smart India Hackathon** – Built **ERP system** (HTML, CSS, JS, PostgreSQL, MongoDB) for a medical college.
- **TIH Innovation Challenge** – Advanced to Round 2 with a **sustainable autonomous robot** for rice field weed removal.