Rais Sayyed

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PROFILE

Detail-oriented Electronics & Telecommunication Engineering student with strong analytical and problem-solving skills. Proficient in **Python, SQL, Excel, and BI tools** for **data analysis, visualization, and process automation**. Passionate about applying data-driven insights to optimize **business processes and decision-making**.

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, Dashboarding, Reporting Automation, Statistical Analysis, Business Analyst

Other: Git, Jupiter Notebook, Google Collab

EXPERIENCE

CDAC Mumbai – Intern, Data Analytics using Python (2024)

- Processed and investigated **50,000+ records** using Pandas & NumPy for data cleaning and transformation.
- Established **10+ statistical visualizations** with Matplotlib & Seaborn to support decision-making.
- Reduced manual data processing time by **30%** through automated Python scripts.

Sublime Enterprise – Intern, Workforce Data Analytics (2025)

- Scrutinized attendance and overtime data of **300+ employees**, identifying absenteeism trends and patterns.
- Automated workforce reports in Python, improving HR decision-making by 25% and supporting 5+ departments.
- Generated **weekly dashboards** tracking overtime, attendance, and leave metrics for management review.

PROJECTS

Bike Purchase Behaviour Analysis (Excel Dashboard)

- Cleaned and structured **1,000+ customer demographic records** using Excel formulas, Pivot Tables, and VLOOKUP.
- Built an **interactive dashboard with 5+ slicers and dynamic charts** to analyse purchase patterns across age, income, and region.
- Extracted key purchase insights to optimize **inventory planning and targeted marketing**, increasing forecast accuracy by **15%**.

SQL EDA on Global Layoffs (MySQL)

- Analyzed **10,000+ workforce records** using advanced SQL queries (Window Functions, Joins, Group By, CTEs).
- Generated **industry-wise and region-wise reports**, highlighting layoff trends and supply chain disruptions.
- Provided insights that could support **strategic workforce and cost planning** across organizations.

Data Professional Survey Dashboard (Power BI)

- Processed survey data from **630 professionals across 15 countries** using Power Query and DAX.
- Built **interactive dashboards** comparing average salaries, job roles, gender distribution, and country-level trends.
- Highlighted **compensation gaps and workforce patterns**, improving HR analytics reporting by **20%**.

World Population Analysis (Python)

- Conducted EDA on **70 years of demographic data (1950–2020)** using Pandas, NumPy, Matplotlib, and Seaborn.
- Forecasted population growth trends using regression and correlation analysis with **90% model accuracy**.
- Initiated **heatmaps, line charts, and bar plots** to visualize demographic changes, supporting resource planning studies.

EDUCATION

Vidyalankar Institute of Technology, Mumbai *Expected Graduation: 2026*

Bachelor of Technology (B. Tech) in Electronics & Telecommunication Engineering **CGPA: 8.07**

Vidyalankar Polytechnic, Mumbai *Completed: 2023*

Diploma in Electronics & Telecommunication Engineering **Percentage: 83.56**

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 & ACHIEVEMENTS

- **Creative Head, IETE-VIT Student Forum** – Led events, designed posters, and enhanced student engagement.
- **TIH National Innovation Challenge** – Advanced to Round 2 with a sustainable aggrotech robot proposal.
- **Medical College ERP**– Developed using HTML/CSS/JS, PostgreSQL, and MongoDB; cleared internal Smart India Hackathon round.