**Rais Sayyed**

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**PROFILE**

Data-driven Electronics & Telecommunication Engineering student with hands-on experience in **Data Analytics, SQL, Python, and Visualization tools**. Skilled at transforming raw data into actionable insights, cleaning and analysing datasets, and creating dashboards to support decision-making.

**EDUCATION**

**Vidyalankar Institute of Technology, Mumbai**  
**Bachelor of Technology (B. Tech) in Electronics & Telecommunication Engineering CGPA: 8.07**  
*Expected Graduation: 2026*

* Relevant coursework: Data Analytics, Digital Image Processing, Embedded Systems, Internet of Things

**Vidyalankar Polytechnic, Mumbai**  
**Diploma in Electronics & Telecommunication Engineering Percentage: 83.56**  
*Completed: 2023*

* Gained practical experience in Digital Image Processing, Internet of Things, and Data Analytics

**SKILLS**

**Languages & Tools:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Excel (Pivot Tables, VLOOKUP, Macros), Tableau, Power BI, MATLAB, MySQL, Jupiter Notebook, Google Collab, Git.  
**Core Competencies:** Data Cleaning, Exploratory Data Analysis (EDA), Statistical Analysis, Dashboarding, Data Visualization.

**CERTIFICATIONS**

* IBM – Data Analysis with Python (Coursera)
* ChatGPT & Generative AI for Data Analytics (Coursera)
* Data Analysis using Microsoft Excel (Coursera)
* Introduction to Data Analytics (Simplilearn)

**EXPERIENCE**

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

* Cleaned, transformed, and visualized datasets using Python (Pandas, NumPy, Matplotlib, Seaborn).
* Automated repetitive data processing tasks, ensuring accurate reporting.
* Performed statistical analysis for data-driven decision-making.

**Sublime Enterprise** – *Intern, Web Development & Data Handling (2025)*

* Analyzed employee attendance datasets to identify patterns in absenteeism and overtime.
* Automated reporting and created workforce trend visualizations using Python.
* Performed statistical analysis to support data-driven HR decisions and workforce optimization

**EI Systems – *Intern, Web Development & Data Handling (2025)***

* Built responsive web interfaces (HTML, CSS, JS, Bootstrap).
* Integrated MySQL backend and reports for data-driven features.

**PROJECTS**

**SQL Data Cleaning Project – MySQL**

* Created staging tables and removed duplicate records using window functions.
* Handled NULL values by deletion or updating with valid references.
* Improved dataset reliability by ensuring cleaned and structured records.

**SQL Exploratory Data Analysis (EDA) Project – MySQL**

* Analyzed global layoffs dataset to identify trends across companies, industries, and countries.
* Examined year-wise and month-wise layoff patterns with rolling totals.
* Provided data-driven insights into economic impacts of layoffs across regions.

**Bike Purchase Behaviour Analysis – Excel Dashboard**

* Cleaned and structured customer demographic data for analysis.
* Built pivot tables to summarize purchase trends across age, income, and region.
* Designed an interactive dashboard to track bike purchases based on demographics and commuting distance.

**World Population Analysis – Python (Pandas, Matplotlib, Seaborn)**

* Performed Exploratory Data Analysis (EDA) on global population dataset to uncover demographic trends.
* Analyzed correlations across decades to identify consistent population growth patterns.
* Visualized insights with heatmaps, line charts, and bar plots using Matplotlib and Seaborn.

**Data Professional Breakdown Survey – Power BI Dashboard**

* Designed an interactive dashboard to analyse survey data from 630 professionals.
* Visualized average salaries by job title, gender, and country for deeper insights.

**Netflix Content Analysis – Tableau Dashboard**

* Designed an interactive Tableau dashboard to explore Netflix’s movie and TV show library.
* Visualized content distribution by year of release, type and country.

**ACHIEVEMENTS**

* Creative Head, **IETE-VIT Student Forum** – led events, poster design & student engagement.
* Advanced to Round 2 of **TIH National Innovation Challenge** with sustainable aggrotech robot proposal.
* Developed a **medical college ERP system** (HTML/CSS/JS + PostgreSQL + MongoDB) – cleared internal round of **Smart India Hackathon (SIH)**