

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)**