

## Rais Sayyed

+91-8976090148 | [raissayyed845@gmail.com](mailto:raissayyed845@gmail.com) | [GitHub](#) | [LinkedIn](#)

### PROFILE

Data-driven Electronics & Telecommunication Engineering graduate with hands-on experience in Data Analytics, Python programming, SQL, and data visualization. Skilled in transforming raw data into actionable insights and solving real-world problems through data-centric approaches.

### 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 (DIP), Embedded Systems, Internet of Things (IoT)

#### Vidyalankar Polytechnic, Mumbai

#### Diploma in Electronics & Telecommunication Engineering

Percentage: 83.56

*Completed: 2023*

- Gained practical experience in Digital Image Processing (DIP), Internet of Things (IoT), and Data Analytics

### SKILLS

#### Technical Skills:

Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), SQL, Data Analysis, Data Cleaning, Statistical Analysis, Data Visualization, Excel (Pivot Tables, VLOOKUP, Macros, Charts), MATLAB.

#### Tools & Platforms:

Tableau, Power BI, MySQL, Jupyter Notebook, Google Colab, Git, Excel Power Query

### 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

#### Centre for Development of Advanced Computing (CDAC), Mumbai - 2024

#### Intern – Data Analytics using Python.

- Analyzed real-world datasets using Python, Pandas, and NumPy to extract key insights and trends.
- Cleaned, transformed, and wrangled large datasets to ensure accuracy and consistency.
- Visualized data and trends using Python libraries like Matplotlib and Seaborn.
- Automated repetitive data processing and reporting tasks using Python scripts.
- Performed statistical analysis and calculations using Python for data-driven decision support.

## **Sublime Enterprise -2025**

### **Intern – Web Development & Data Handling**

- Analyzed employee attendance datasets to identify trends in punctuality, absenteeism, and overtime.
- Cleaned and transformed raw attendance logs to maintain accuracy and consistency in reporting.
- Visualized workforce patterns and trends using Python libraries such as Matplotlib and Seaborn.
- Automated attendance data processing and report generation through Python scripts.
- Performed statistical analysis to support data-driven HR decisions and workforce optimization

## **EI Systems - 2025**

### **Intern – Web Development & Data Handling**

- Developed responsive web interfaces using HTML, CSS, JavaScript, and Bootstrap.
- Integrated backend functionalities using PHP and MySQL to manage, store, and retrieve structured data efficiently.
- Designed and implemented data-driven features, including dashboards and reports, for dynamic user interactions.
- Collaborated with a team to optimize front-end performance and ensure accurate data display.
- Extracted, queried, and analyzed database records to support decision-making and feature development.

## **PROJECTS**

### **SQL Data Cleaning Project – MySQL**

- Created staging tables and removed duplicate records using window functions.
- Standardized company names, industries, and country fields for consistency.
- Converted text dates into proper DATE format for accurate analysis.
- 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.
- Aggregated total layoffs by company, industry, and geography for comparative insights.
- Examined year-wise and month-wise layoff patterns with rolling totals.
- Identified top companies with the highest layoffs per year using ranking functions.
- 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.
- Visualized customer segments with charts to highlight key purchasing patterns.
- Delivered insights to support data-driven marketing and sales strategies.

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

- Performed Exploratory Data Analysis (EDA) on global population dataset to uncover demographic trends.
- Cleaned and transformed data using Pandas, handling null values and ensuring dataset consistency.
- Grouped and compared countries by continent to highlight regional differences.
- Analyzed correlations across decades to identify consistent population growth patterns.
- Visualized insights with heatmaps, line charts, and bar plots using Matplotlib and Seaborn.
- Highlighted top 10 most populated countries and their growth trajectories over time.
- Revealed strong imbalance in global population distribution, with Asia leading significantly.
- Delivered clear, data-driven insights into global and continental population dynamics.

### **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.
- Highlighted favourite programming languages and their adoption across roles.
- Analyzed work-life balance and salary satisfaction with KPI gauges.
- Delivered country-level insights on demographics and professional trends.

### **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.
- Analyzed audience ratings and certifications to uncover viewing patterns.
- Highlighted top 10 genres with bar charts for quick trend identification.
- Used maps, charts, and KPIs to present global availability and content insights.

## **ACHIEVEMENTS**

- Served as **Creative Head of IETE-VIT Student Forum**, leading technical events, poster designs, and team collaborations to drive student engagement and participation.
- Advanced to the second round of the **TIH National Innovation Challenge** with an innovative proposal for an **autonomous duck-inspired robot** designed to remove weeds from rice paddies using sustainable aggrotech methods.
- Developed a complete ERP system for a medical college using **HTML, CSS, JavaScript (frontend)** and **PostgreSQL + MongoDB (backend)**, successfully clearing the internal round of the **Smart India Hackathon (SIH)**.
- Led a student team in developing technical solutions, showcasing leadership and collaboration.
- Actively contributed to student forums (IETE-VIT) by initiating **tech events, design campaigns, and team activities**.