

# RAGUL R

## DATA ANALYST

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### Profile Summary

Aspiring data analyst with a **B.Tech in IT** and hands-on internship experience in data cleaning, EDA, reporting, and visualization using Python, SQL, Excel, and Tableau. Skilled in ETL, dashboards, and data storytelling to extract insights and support data-driven decisions.

### Education

**B.Tech in Information Technology**, IFET College of Engineering

Nov 2021 - May 2025 | CGPA: 7.99

**HSC**, Krishnasamy Memorial School

June 2020 - May 2021 | Percentage: 73.66

### Skills

**Languages:** Python, SQL

**Analysis Visualization:** Excel, Tableau, Pandas, Numpy, Matplotlib, Seaborn

**Databases:** MySQL

**Tools IDEs:** Jupyter Notebook, Google Sheets, VS Code, GitHub

**Core Concepts:** Data Cleaning, EDA, Statistical Analysis, Predictive Modeling

### Course of Certification

- Data Analytics Essentials | **Cisco**
- Introduction to Data Science | **Cisco**
- Python Programming Essentials | **PCAP**
- Data Visualization and Analysis | **Tata**
- Python for Data Science | **NPTEL**
- SQL Course Completion | **Kaggle**

### Projects

#### Emotional Detection using Facial Expression

[Github Link](#) 

- Developed a real-time emotion detection system using Python, TensorFlow, OpenCV, and CNN. Integrated Webcam-based facial recognition with mood-based music recommendations.

#### Next-Generation Public Safety System for Real-Time Crowd and Weapon Detection using YOLOv11 with Automated Alerts

[IEEE Publications](#) 

- Developed a real-time AI surveillance system using YOLOv11, Optical Flow, and LSTM for weapon and behavior detection. Implemented automated alerts to enhance public safety and incident response.

### Work Experience

#### Virtual Data Analytics Intern

21 April 2024

TATA (via Forage)

- Built dashboards and delivered visual insights using Excel and data storytelling techniques.

#### Data Analytics Intern

May 2024 – May 2024

TechnoHacks

- Analyzed real-world datasets using Python and Excel for trend analysis and reporting. Delivered EDA insights to support decision-making in business scenarios.

#### Data Analysis Intern

June 2024 – June 2024

Cognifyz Technologies

- Cleaned and analyzed datasets using Python, SQL, and Tableau. Created interactive dashboards and summarized findings to support business insights.

#### Virtual Data Analytics Intern

9 April 2025

Deloitte (via Forage)

- Completed simulation on data cleaning, segmentation, and insights generation using Excel and Tableau.