

# Viral Biyawala

Surat, Gujarat, India

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## EDUCATION

- **B.Tech-Computer Science & Engineering**  
**CGPA: 9.25/10**  
Indian Institute of Information Technology, Surat (2021-25)
- **12<sup>th</sup>-Science (PCM)**  
**Percentage: 88.46%**  
Shri H.J.Gajera English Medium School, Surat (2020-21)

## SKILLS

- **Programming Languages** : Python, SQL, C, C++, Javascript
- **Development** : Pandas, TensorFlow, Scikit-Learn, PyTorch, PySpark, Django, Flask, Git, HTML, CSS, Bootstrap, jQuery, PHP
- **Software**: GitHub, VS Code, Jupyter Notebook, Google Colab, Google Firebase, MATLAB
- **Soft Skills**: Critical Thinking, Leadership, Presentation, Communication, Group Discussion, Team Work

## RELEVANT COURSES

- **Computer Science** : Data Structure & Algorithm, Operating Systems, Computer Networks, Object Oriented Programming, Database Management System, Design & Analysis of Algorithms
- **Machine Learning (DataCamp)** : Machine Learning, Deep Learning with PyTorch, Natural Language Processing
- **Mathematics** : Probability & Statistical Analysis, Linear Algebra, Calculus, Differential Equations
- **Other** : Digital Signal Processing, Economics & Buisness Management

## CERTIFICATION

- Professional Data Scientist by DataCamp [🔗](#)
- Statistics For Data Science by Stanford Online - Coursera [🔗](#)
- Associate Data Engineer by DataCamp [🔗](#)
- Introduction to Web Development - Coursera [🔗](#)

## PROFILE LINKS

- Leetcode: leetcode/ViralBiyawala [🔗](#)
- Datacamp: datacamp/ViralBiyawala [🔗](#)
- Codechef: codechef/viralbiyawala [🔗](#)
- Codeforces: codeforces/ViralBiyawala [🔗](#)

## PROJECTS

- **Recipe Traffic Prediction** [🔗](#)
  - Achieved **83%** accuracy using **Hyperparameter Tuning** and Utilized **Comparison Ensemble Voting** for enhanced model performance
  - Increased website traffic by **40%** through daily popular recipe prediction.
- **Life Saver (Blood Bank Management System)** [🔗](#) [🔗](#)
  - Developed a web-based Blood Bank Management System using Flask, SQLite, HTML, CSS, and JavaScript to address the challenges of existing blood bank management systems.
  - Implemented a three-tiered login system, OTP verification, history tracking, visual graphs for administrators, and city-wise inventory management to enhance the security, transparency, and efficiency of the system.
- **University Enrollment Prediction** [🔗](#)
  - Predicted student enrollments with **0.3 RMSE**, leveraging **Linear regression** using **Sklearn** and **Seaborn**
- **Analysis of Android Apps** [🔗](#)
  - Analyzed sentiments of around **10,000** apps of Google Play Store using **Plotly**, **Seaborn**, **Pandas** and decoding user reviews

## ACHIEVEMENT

- Solved over **500** problems on various online programming platform
- Maintained more than **400** daily problem streak on **Leetcode**
- Gained **260000+** XPs and Achieved **100+** streak on **Datacamp**