

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)
- **12th-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**