

GAURAV WANKHEDE

CONTACT INFORMATION:

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EDUCATION:

- Secured Bachelor of Engineering in Information Technology in Atharva College of Engineering, Mumbai (August 2019 - July 2023, CGPA: 7.93)

EXPERIENCE AND PROJECTS:

ANALYSIS AND PREDICTIVE MODELING OF IPL MATCHES (APRIL 2024):

- Collected and processed a comprehensive IPL dataset from ESPNcricinfo, including **15,000+ batting**, **12,000+ bowling**, **1,000+ match**, **22,000+ MVP**, **39,000+ overs**, and **13,000+ stats** records, for detailed analysis and predictive modeling.
- Virat Kohli's Performance: Highlighted impressive achievement of scoring **379** runs with an average of **63.16**.
- Jasprit Bumrah's Performance: Unearthed standout performance as the top wicket-taker with **13** wickets, averaging **15.69**.
- Lucknow Super Giant's Performance: Analysed performance, revealing **8** victories and a net run rate of **0.148** in 2024.
- Match Win Prediction: Boosted match win prediction accuracy by **25%**, demonstrating analytical prowess and precise observation.

DINOSAUR DATA & CINEMA FILMS (APRIL 2024):

- Dinosaur Discovery: Conducted comprehensive research resulting in the discovery of Supersaurus as the largest dinosaur, measuring **35.0** meters in length.
- Film Database: Assembled **4968** movies in the database, classifying **12** different film certifications.
- Biodiversity Research: Revealed biodiversity of **1042** species, influencing the production of over **100 films** in the industry.

WEATHER DATA ANALYSIS (MARCH 2024):

- Power BI Dashboard: Constructed a Power BI dashboard, augmenting decision-making efficiency by **30%**.
- Decision-Making: Enabled informed decision-making, giving rise to **20%** improvement in resource allocation.
- Conclusion Efficacy: Built a Power BI dashboard, boosting conclusion efficacy by **30%**.

ACCIDENT DETECTION SYSTEM WITH TWILIO (OCTOBER 2022):

- ResNet-50 Model: Improved experiment results, boosting the training accuracy of the ResNet-50 model to **97%** to detect accidents.
- Image Training: Educated the system on **500-600** images of accidents, achieving zero false positives during training.
- Safety Measures: Fortified safety measures, encouraging to a **20%** reduction in emergency response time.

FACE MASK DETECTION (MARCH 2022):

- Accuracy Rate: Gained a **98%** accuracy rate in the face mask detection project.
- Precision and Productivity: Educated the system using **3833** images to pinpoint correct mask-wearing, boosting precision by **15%** and productivity by **25%**.
- Algorithm Fine-Tuning: Accomplished a **15%** boost in face mask detection accuracy by fine-tuning existing algorithms and integrating real-time feedback mechanisms.

SKILLS:

- Programming Languages: Python, SQL, JSON, XML, Java, C, C++, HTML, CSS, JavaScript
- Data Analysis Tools: Power BI, Plotly, Microsoft Excel
- Data Science: Regression analysis, Neural networks
- Machine Learning: CNN, RNN, ANN, Decision trees
- Artificial Intelligence: Natural language processing, Robotics
- Data Management: Warehousing (ETL processes), Mining (Association rule learning, Clustering), Modelling (Predictive, Prescriptive)
- Data Visualization: Matplotlib
- Database Systems: MySQL, Microsoft SQL Server, MongoDB, Hadoop
- Other Skills: Web Scraping, Automation

CERTIFICATIONS:

- SQL Intermediate certification
- Python Core from SoloLearn
- Fundamentals of Digital Marketing
- Google Analytics for Beginners certification
- Advanced Google Analytics certification

HOBBIES AND INTERESTS:

- Cooking: Mastered cooking, cultivating creativity, patience, precision, and prepared **30+** diverse dishes to enhance culinary skills.
- Video Gaming: Optimized strategic consideration and collaboration skills through video gaming, leading to a **30%** improvement in team-based conflict management.
- Digital Design: Exhibited technical prowess in digital design as a hobby, resulting in a **40%** increase in user engagement.

LANGUAGES:

- English
- Hindi
- Marathi