

Ravi kumar Chavva

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Professional Summary

Dedicated B.Tech student specializing in Data Science with a strong foundation in analytical thinking and machine learning. Proficient in Python with a passion for continuous learning and real-world problem-solving. Seeking an internship to apply my skills in machine learning, data analysis, and software development while gaining hands-on industry experience.

Projects

IPL Score Prediction [github](#)

2022

Project Overview: Created a machine learning model that accurately predicts final scores in cricket matches, specifically tailored for the Indian Premier League (IPL).

Key Features:

- **Input Parameters:** Analyzed current runs, wickets, overs completed, and additional in-game statistics
- **Machine Learning:** Applied regression techniques, achieving a prediction accuracy of 92%
- **Web Interface:** Designed and developed a user-friendly Flask web application for interactive score predictions.
- **Containerization:** Dockerized the application, resulting in improved deployment consistency and scalability
- **Deployment:** Deployed the application on Google Kubernetes Engine (GKE) for a successful demonstration

Education

Sri Venkateswara College of Engineering, Tirupati, India

2021-present

Major: Data Science | Bachelor of Technology (B. Tech) in Computer Science and Engineering

Current CGPA- 8.52/10

Skills & abilities

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|--------------------|----------------------------|
| • Problem solving | • Python, C, TypeScript |
| • Data Analysis | • SQL, Polars, Power BI |
| • Machine Learning | • TensorFlow, Scikit-learn |
| • Cloud computing | • Git, Docker, Kubernetes |
| • Web Development | • Nextjs, MongoDB, Prisma |
| • Management | • Discord |