Ravi kumar Chavva

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Education

Sri Venkateswara College of Engineering, Tirupati, India
Bachelor of Technology (B. Tech) in Computer Science and Engineering | Major: Data Science
2021 – Present | Current CGPA: 8.55/10

Sri Chaitanya Junior College, Andhra Pradesh, India | 2019 – 2021 | Completed with 94.75%

Target English Medium School, Andhra Pradesh, India | 2010 – 2019 | Completed with 10 GPA

Projects

IPL Score Prediction *(GitHub 2022)*

- Developed a machine learning model that predicts IPL scores with an accuracy of 92%, leading to more accurate sports analytics.
- Implemented a Flask web app, Dockerized the solution, and deployed it on Google Kubernetes Engine (GKE), demonstrating proficiency in cloud computing and model deployment.

Car Price Prediction *(GitHub 2023)*

- Created a regression model to predict car prices with 89% accuracy based on features such as horsepower and MPG.
- Integrated the model with a web interface using FastApi for user interaction, showcasing skills in web development and data science integration.

Customer Churn Prediction *(GitHub 2023)*

- Built a classification model to forecast customer churn with 86% recall for Churners using data such as tenure and payment methods.
- Deployed the model via a web application for real-time predictions, emphasizing data analysis and model deployment skills.

Skills & abilities

- **Programming Languages:** Python, C, TypeScript
- **Data Analysis:** SQL, Polars, Power BI
- **Machine Learning:** TensorFlow, Scikit-learn
- **Cloud Computing:** Git, Docker, Kubernetes
- **Web Development:** Next.js, MongoDB, Prisma
- **Management:** Discord

Certifications

Machine Learning for Engineering and Science Applications – NPTEL

Experience

Data Science / Machine Learning | intern June 2024 – July 2024

Gained hands-on experience with the **Data Science Process**, from data collection and cleaning to model deployment