Krishnasai Potharaju

Data scientist

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Dynamic and results-oriented 2nd-year B.Tech student specializing in AI, I am passionately dedicated to harnessing my programming skills and data science expertise to excel in hydrometeorology. My proficiency extends to interpreting data from various sources including reports, maps, photographs, and charts, utilizing computer models alongside a solid foundation in climate theory, physics, and mathematics. I am driven to prepare accurate forecasts, leveraging my understanding of historical climate information such as precipitation or temperature records to predict future weather or climate trends with precision.I am eager to contribute my skills and enthusiasm to advance the field of hydrometeorology, pushing the boundaries of what is possible in predicting long- or short-range weather conditions.

Experience

Feb- Nov 2023

Data analyst

- **Mad About Sports Organization | IPL Season**
- Collaborated with Mad About Sports during the IPL season to tackle complex problem statements:
- Investigated the "long partnership syndrome" and its impact on match outcomes.
- Analyzed the influence of impact players on altering the course of matches.
- Conducted online sports analysis sessions with prominent figures like Jarrod Kimber, exploring the transformative potential of sports analysis in the future of sports

- **Tennis Analysis**
- Conducted in-depth analysis in tennis, focusing on key areas such as: Comparative analysis of peak performance between Novak Djokovic and Roger Federer.
- Explored the preference of clay courts for high top-spin players and its implications.
- Analyzed the speeds of different hard courts throughout the season and their effects on various play styles

Education

Vijaybhoomi University, Karjat, MH *2022 - current*

Btech 2nd year, Data science

GPA - 8.88

PROJECTS:

AI automated greenhouse
weather data - forecasting
Prediction Brain Cancer Identification Model
Boston Housing Prediction Model
Tennis All-Season Analysis
Traffic Prediction and Control Model Accident Prediction and Prevention
Star classification based on their radiation, angels, and redshift
US airlines - traffic management and cancellation probability
Wine Quality classification

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