


About

I am a Data Science Practitioner and Python Developer with a curiosity for collecting, analysing, exploring data, and delivering actionable insights. I am active in sports analytics and previously have contributed to open-source projects and sport-analytics thesis. I am seeking an opportunity to leverage my skills and experience with organisations that want to make effective use of their data.


 [My Portfolio](#)


 [My Data Visualisation Work](#)


 [GitHub](#)

 [LinkedIn](#)

Experience

◇ **mplsoccer**  - *Open Source Contribution (January 2021 - Present)*

- Python package for plotting football pitches and charts in Matplotlib. 1K+ hits per month on the official website..
- Inducted as Matplotlib's third-party-package .

◇ **soccerplots**  - *Open Source Contribution (August 2020 - December 2020)*

- Python package that effortlessly plots radar charts and bump charts in Matplotlib.

◇ **Player Fatigue and Performance** - *Freelance Project (October 2020)*

- Contributed models for a sports-science thesis.
- Used machine learning and deep learning models to predict internal load given external load parameters.

Skills

◇ **Programming Languages:** Python

◇ **Machine Learning:** Supervised & Unsupervised

◇ **Deep Learning:** ANN & CNN

◇ **ML and DL Packages:** sklearn, PyTorch & Tensorflow (Basics)


◇ **Data Visualisation:** Matplotlib

◇ **Data Analysis:** Statistics, Spreadsheets, Pandas & SQL

◇ **Version Control:** Git & GitHub

◇ **Other Skills:** Web-Scraping & Amazon Web Services (Basics)

Recent Projects

◇ **Expected Goals Model**  - *Predictive model to access goal-scoring chances*

- The model measures the quality of a shot based on several variables such as shot angle, distance from goal etc.
- Analysts can use this model to evaluate the xG value for shots taken by the players.

◇ **Footy Events**  - *Web Scraper*

- A web scraper that scrapes football fixtures from ESPN website and adds it to Google Calendar.
- An easy and time saving method to save football events in your Google Calendar.

Education

August 2017 - July 2021

DIT University, Dehradun, India - *Bachelor of Technology (Computer Science)* GPA: 7.83 / 10.0