


About

A highly motivated and competent Data Science Practitioner and Python Developer who has experience in creating Data Visualisations and Data Analytics reports to deliver actionable insights. Active in the field of sports analytics and have worked in open-source projects and sport-analytics thesis.


 [My Data Visualisation Work](#)


 [GitHub](#)

 [LinkedIn](#)

Experience

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

- Python package for plotting football pitches and charts in Matplotlib. 1.4K 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

◇ **Data Visualisation:** Matplotlib

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

◇ **Other Skills:** Git & Web-Scraping.

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