

VISUALIZATION

FINAL PROJECT : INFORMATION VISUALIZATION ENGLISH PREMIER LEAGUE

Darpan Vats 119188
Muhammad Qumail 119432

Introduction:

The Premier League (often referred to as the English Premier League (EPL) outside [England](#)), is the top level of the [English football league system](#). Contested by 20 clubs, it operates on a system of [promotion and relegation](#) with the [English Football League](#) (EFL).

The Premier League is a corporation in which the member clubs act as shareholders. Seasons run from August to May with each team playing 38 matches.

Visualization:

What: To visualize the information data of football players from English Premier League (BBC Sports).

- Categories: Player and Game
- Attributes: Goals , shots and Assists as ranking

Why: To visualize the interesting dataset of each player as a part-whole relationship

How: Area marks are used with radial length channel of each player

The Technique used to Visualise the Data is Coxcomb plot for all the players and polar plot with bar chart for individual players.

The attributes are set to

1. Appearances
2. Minutes played

3. Total minutes
4. Shoots from out of the box
5. Shoots from 6 yard box
6. Shoots from Penalty area
7. Cross Kicks
8. Corner Kicks
9. Through Ball
10. Freekick
11. Throw in
12. Other and
13. Ranking