# Sport Hackathon Data Schema

1. PLGameStatsPlayers.csv

Each row represents a player’s stats for one match

|  |  |  |
| --- | --- | --- |
| **assists** | | 0 |
| **attempted\_passes** | | 42 |
| **big\_chances\_created** | | 0 |
| **big\_chances\_missed** | | 0 |
| **bonus** | | 0 |
| **bps** | | 24 |
| **clean\_sheets** | | 0 |
| **clearances\_blocks\_interceptions** | | 2 |
| **completed\_passes** | | 31 |
| **creativity** | | 0 |
| **dribbles** | | 0 |
| **ea\_index** | | 0 |
| **element** | | 1 |
| **errors\_leading\_to\_goal** | | 0 |
| **errors\_leading\_to\_goal\_attempt** | | 0 |
| **fixture** | | 1 |
| **fouls** | | 0 |
| **goals\_conceded** | | 2 |
| **goals\_scored** | | 0 |
| **ict\_index** | | 4.7 |
| **game\_id** | | 1 |
| **influence** | | 47 |
| **key\_passes** | | 0 |
| **kickoff\_time** | | 2018-08-12T15:00:00Z |
| **kickoff\_time\_formatted** | 12/08/2019 16:00 | | |
| **loaned\_in** | | 0 |
| **loaned\_out** | | 0 |
| **minutes** | | 90 |
| **offside** | | 0 |
| **open\_play\_crosses** | | 0 |
| **opponent\_team** | | 13 |
| **own\_goals** | | 0 |
| **penalties\_conceded** | | 0 |
| **penalties\_missed** | | 0 |
| **penalties\_saved** | | 0 |
| **recoveries** | | 9 |
| **red\_cards** | | 0 |
| **round** | | 1 |
| **saves** | | 6 |
| **selected** | | 70767 |
| **tackled** | | 0 |
| **tackles** | | 0 |
| **target\_missed** | | 0 |
| **team\_a\_score** | | 2 |
| **team\_h\_score** | | 0 |
| **threat** | | 0 |
| **total\_points** | | 3 |
| **transfers\_balance** | | 0 |
| **transfers\_in** | | 0 |
| **transfers\_out** | | 0 |
| **value** | | 50 |
| **was\_home** | | TRUE |
| **winning\_goals** | | 0 |
| **yellow\_cards** | | 0 |
| **player** | | Petr Cech |
| **position** | | GKP |
| **team** | | Arsenal |
| **opponent** | | Man City |

1. PLPlayerAverages

Each row is a player’s season average stats.

|  |  |
| --- | --- |
| **assists** | 0 |
| **attempted\_passes** | 7.96428571 |
| **big\_chances\_created** | 0 |
| **big\_chances\_missed** | 0 |
| **bonus** | 0.10714286 |
| **bps** | 4.64285714 |
| **clean\_sheets** | 0.03571429 |
| **clearances\_blocks\_interceptions** | 0.28571429 |
| **completed\_passes** | 5.46428571 |
| **creativity** |  |
| **dribbles** | 0 |
| **ea\_index** | 0 |
| **element** | 1 |
| **errors\_leading\_to\_goal** | 0 |
| **errors\_leading\_to\_goal\_attempt** | 0.07142857 |
| **fixture** | 137.75 |
| **fouls** | 0 |
| **game\_id** | 7381.07143 |
| **goals\_conceded** | 0.32142857 |
| **goals\_scored** | 0 |
| **ict\_index** |  |
| **influence** |  |
| **key\_passes** | 0 |
| **loaned\_in** | 0 |
| **loaned\_out** | 0 |
| **minutes** | 20.8928571 |
| **name** | Petr Cech |
| **offside** | 0 |
| **open\_play\_crosses** | 0 |
| **opponent\_team** | 10.75 |
| **own\_goals** | 0 |
| **penalties\_conceded** | 0 |
| **penalties\_missed** | 0 |
| **penalties\_saved** | 0 |
| **position** | GKP |
| **recoveries** | 2.21428571 |
| **red\_cards** | 0 |
| **round** | 14.5 |
| **saves** | 0.96428571 |
| **selected** | 87678.6429 |
| **tackled** | 0 |
| **tackles** | 0.03571429 |
| **target\_missed** | 0 |
| **team** | Arsenal |
| **team\_a\_score** | 1.33333333 |
| **team\_h\_score** | 2.07407407 |
| **threat** |  |
| **total\_points** | 0.85714286 |
| **transfers\_balance** | -1825.8571 |
| **transfers\_in** | 2931.46429 |
| **transfers\_out** | 4757.32143 |
| **value** | 49.1071429 |
| **was\_home** | 0.53571429 |
| **winning\_goals** | 0 |
| **yellow\_cards** | 0 |

1. PremierLeague.csv

Every row is the team stats for an individual match.

Div = League Division

Date = Match Date (dd/mm/yy)

HomeTeam = Home Team

AwayTeam = Away Team

FTHG and HG = Full Time Home Team Goals

FTAG and AG = Full Time Away Team Goals

FTR and Res = Full Time Result (H=Home Win, D=Draw, A=Away Win)

HTHG = Half Time Home Team Goals

HTAG = Half Time Away Team Goals

HTR = Half Time Result (H=Home Win, D=Draw, A=Away Win)

Match Statistics (where available)

Attendance = Crowd Attendance

Referee = Match Referee

HS = Home Team Shots

AS = Away Team Shots

HST = Home Team Shots on Target

AST = Away Team Shots on Target

HHW = Home Team Hit Woodwork

AHW = Away Team Hit Woodwork

HC = Home Team Corners

AC = Away Team Corners

HF = Home Team Fouls Committed

AF = Away Team Fouls Committed

HFKC = Home Team Free Kicks Conceded

AFKC = Away Team Free Kicks Conceded

HO = Home Team Offsides

AO = Away Team Offsides

HY = Home Team Yellow Cards

AY = Away Team Yellow Cards

HR = Home Team Red Cards

AR = Away Team Red Cards

HBP = Home Team Bookings Points (10 = yellow, 25 = red)

ABP = Away Team Bookings Points (10 = yellow, 25 = red)

Note that Free Kicks Conceeded includes fouls, offsides and any other offense commmitted and will always be equal to or higher than the number of fouls. Fouls make up the vast majority of Free Kicks Conceded. Free Kicks Conceded are shown when specific data on Fouls are not available (France 2nd, Belgium 1st and Greece 1st divisions).

Note also that English and Scottish yellow cards do not include the initial yellow card when a second is shown to a player converting it into a red, but this is included as a yellow (plus red) for European games.

Key to 1X2 (match) betting odds data:

B365H = Bet365 home win odds

B365D = Bet365 draw odds

B365A = Bet365 away win odds

BSH = Blue Square home win odds

BSD = Blue Square draw odds

BSA = Blue Square away win odds

BWH = Bet&Win home win odds

BWD = Bet&Win draw odds

BWA = Bet&Win away win odds

GBH = Gamebookers home win odds

GBD = Gamebookers draw odds

GBA = Gamebookers away win odds

IWH = Interwetten home win odds

IWD = Interwetten draw odds

IWA = Interwetten away win odds

LBH = Ladbrokes home win odds

LBD = Ladbrokes draw odds

LBA = Ladbrokes away win odds

PSH and PH = Pinnacle home win odds

PSD and PD = Pinnacle draw odds

PSA and PA = Pinnacle away win odds

SOH = Sporting Odds home win odds

SOD = Sporting Odds draw odds

SOA = Sporting Odds away win odds

SBH = Sportingbet home win odds

SBD = Sportingbet draw odds

SBA = Sportingbet away win odds

SJH = Stan James home win odds

SJD = Stan James draw odds

SJA = Stan James away win odds

SYH = Stanleybet home win odds

SYD = Stanleybet draw odds

SYA = Stanleybet away win odds

VCH = VC Bet home win odds

VCD = VC Bet draw odds

VCA = VC Bet away win odds

WHH = William Hill home win odds

WHD = William Hill draw odds

WHA = William Hill away win odds

Bb1X2 = Number of BetBrain bookmakers used to calculate match odds averages and maximums

BbMxH = Betbrain maximum home win odds

BbAvH = Betbrain average home win odds

BbMxD = Betbrain maximum draw odds

BbAvD = Betbrain average draw win odds

BbMxA = Betbrain maximum away win odds

BbAvA = Betbrain average away win odds

MaxH = Oddsportal maximum home win odds

MaxD = Oddsportal maximum draw win odds

MaxA = Oddsportal maximum away win odds

AvgH = Oddsportal average home win odds

AvgD = Oddsportal average draw win odds

AvgA = Oddsportal average away win odds

Key to total goals betting odds:

BbOU = Number of BetBrain bookmakers used to calculate over/under 2.5 goals (total goals) averages and maximums

BbMx>2.5 = Betbrain maximum over 2.5 goals

BbAv>2.5 = Betbrain average over 2.5 goals

BbMx<2.5 = Betbrain maximum under 2.5 goals

BbAv<2.5 = Betbrain average under 2.5 goals

GB>2.5 = Gamebookers over 2.5 goals

GB<2.5 = Gamebookers under 2.5 goals

B365>2.5 = Bet365 over 2.5 goals

B365<2.5 = Bet365 under 2.5 goals

Key to Asian handicap betting odds:

BbAH = Number of BetBrain bookmakers used to Asian handicap averages and maximums

BbAHh = Betbrain size of handicap (home team)

BbMxAHH = Betbrain maximum Asian handicap home team odds

BbAvAHH = Betbrain average Asian handicap home team odds

BbMxAHA = Betbrain maximum Asian handicap away team odds

BbAvAHA = Betbrain average Asian handicap away team odds

GBAHH = Gamebookers Asian handicap home team odds

GBAHA = Gamebookers Asian handicap away team odds

GBAH = Gamebookers size of handicap (home team)

LBAHH = Ladbrokes Asian handicap home team odds

LBAHA = Ladbrokes Asian handicap away team odds

LBAH = Ladbrokes size of handicap (home team)

B365AHH = Bet365 Asian handicap home team odds

B365AHA = Bet365 Asian handicap away team odds

B365AH = Bet365 size of handicap (home team)

Closing odds (last odds before match starts)

PSCH = Pinnacle closing home win odds

PSCD = Pinnacle closing draw odds

PSCA = Pinnacle closing away win odds

1. NBAScores16018.csv

Each row is the result of an NBA game.

|  |  |
| --- | --- |
| **Date** | Thu, Dec 3, 2015 |
| **Start(ET)** | 10:00p |
| **Visitor** | Boston Celtics |
| **VisitorPts** | 114 |
| **Home** | Sacramento Kings |
| **HomePts** | 97 |
| **OT** |  |
| **Atten** | 18,660 |
| **Notes** | at Mexico City, Mexico |

1. NBADFullStats.csv

Game stats for each team foe each game.

|  |  |
| --- | --- |
| **mp** | 240 |
| **fg** | 37 |
| **fga** | 96 |
| **fg\_pct** | 0.385 |
| **fg3** | 12 |
| **fg3a** | 29 |
| **fg3\_pct** | 0.414 |
| **ft** | 20 |
| **fta** | 26 |
| **ft\_pct** | 0.769 |
| **orb** | 23 |
| **drb** | 36 |
| **trb** | 59 |
| **ast** | 23 |
| **stl** | 5 |
| **blk** | 3 |
| **tov** | 15 |
| **pf** | 15 |
| **pts** | 106 |
| **team** | Detroit Pistons |
| **Date** | Tue, Oct 27, 2015 |
| **Time** | 8:00p |
| **OT** |  |
| **attendance** | 19,187 |
| **home/away** | Away |
| **id** | 0 |

1. NCAAGameResults.csv

Game stats and results for any game between 2 Division I NCAA teams.

|  |  |  |
| --- | --- | --- |
| game\_id | | 3c6cb28e-6d22-4819-a4d5-46654cfd22b4 |
| season | | 2014 |
| status | | closed |
| coverage | | full |
| neutral\_site | |  |
| scheduled\_date | | 26/11/2014 |
| gametime | | 2014-11-26 19:50:00 UTC |
| conference\_game | | |
| tournament | |  |
| tournament\_type | | |
| tournament\_round | | |
| tournament\_game\_no | | |
| attendance | | 2174 |
| lead\_changes | | 4 |
| times\_tied | | 5 |
| periods | | 2 |
| possession\_arrow | | |
| venue\_id | | da1c1f6d-e0b0-498f-96d7-42b6bcfa81fd |
| venue\_city | | Nassau |
| venue\_state | |  |
| venue\_address | | Casino Drive |
| venue\_zip | |  |
| venue\_country | | Bahamas |
| venue\_name | | Imperial Arena |
| venue\_capacity | | |
| h\_name | | Bruins |
| h\_market | | UCLA |
| h\_id | | ec0d6b67-4b16-4b50-92b2-1a651dae6b0f |
| h\_alias | | UCLA |
| h\_league\_id | | cd4268ee-07aa-4c4d-a435-ec44ad2c76cb |
| h\_league\_name | | NCAA MEN |
| h\_league\_alias | NCAAM | |
| h\_conf\_id | 04d5255d-b2dc-43df-9fa8-d296b0f8ccd7 | |
| h\_conf\_name | Pacific 12 | |
| h\_conf\_alias | PAC12 | |
| h\_division\_id | c5a8d640-5093-4044-851d-2c562e929994 | |
| h\_division\_name | NCAA Division I | |
| h\_division\_alias | D1 | |
| h\_logo\_large | https://www.ncaa.com/sites/default/files/images/logos/schools/u/ucla.200.png | |
| h\_logo\_medium | https://www.ncaa.com/sites/default/files/images/logos/schools/u/ucla.70.png | |
| h\_logo\_small | https://www.ncaa.com/sites/default/files/images/logos/schools/u/ucla.24.png | |
| h\_points\_game | 65 | |
| h\_rank | 22 | |
| h\_minutes | :20:00 | |
| h\_field\_goals\_made | 26 | |
| h\_field\_goals\_att | 69 | |
| h\_field\_goals\_pct | 37.7 | |
| h\_three\_points\_made | 4 | |
| h\_three\_points\_att | 317 | |
| h\_three\_points\_pct | 23.5 | |
| h\_two\_points\_made | 22 | |
| h\_two\_points\_att | 52 | |
| h\_two\_points\_pct | 0.423 | |
| h\_blocked\_att | 4 | |
| h\_free\_throws\_made | 9 | |
| h\_free\_throws\_att | 21 | |
| h\_free\_throws\_pct | 42.9 | |
| h\_offensive\_rebounds | 17 | |
| h\_defensive\_rebounds | 32 | |
| h\_rebounds | 49 | |
| h\_assists | 8 | |
| h\_turnovers | 13 | |
| h\_steals | | 3 |
| h\_blocks | | 4 |
| h\_assists\_turnover\_ratio | | 0.62 |
| h\_personal\_fouls | | 24 |
| h\_ejections | |  |
| h\_foulouts | |  |
| h\_points | | 65 |
| h\_fast\_break\_pts | | 6 |
| h\_second\_chance\_pts | | 15 |
| h\_team\_turnovers | | 0 |
| h\_points\_off\_turnovers | | |
| h\_team\_rebounds | | 2 |
| h\_flagrant\_fouls | | 0 |
| h\_player\_tech\_fouls | | 0 |
| h\_team\_tech\_fouls | | 0 |
| h\_coach\_tech\_fouls | | 0 |
| a\_name | | Sooners |
| a\_market | | Oklahoma |
| a\_id | | b2fda957-e15c-4fb2-8a13-6e58496f561e |
| a\_alias | | OKLA |
| a\_league\_id | | cd4268ee-07aa-4c4d-a435-ec44ad2c76cb |
| a\_league\_name | | NCAA MEN |
| a\_league\_alias | | NCAAM |
| a\_conf\_id | | 2853cf4d-6d62-4ec6-8e2c-d69f7a01a557 |
| a\_conf\_name | | Big 12 |
| a\_conf\_alias | | BIG12 |
| a\_division\_id | | c5a8d640-5093-4044-851d-2c562e929994 |
| a\_division\_name | | NCAA Division I |
| a\_division\_alias | | D1 |
| a\_logo\_large | | https://www.ncaa.com/sites/default/files/images/logos/schools/o/oklahoma.200.png |
| a\_logo\_medium | | https://www.ncaa.com/sites/default/files/images/logos/schools/o/oklahoma.70.png |
| a\_logo\_small | | https://www.ncaa.com/sites/default/files/images/logos/schools/o/oklahoma.24.png |
| a\_points\_game | | 75 |
| a\_rank | | 0 |
| a\_minutes | | 3:20:00 |
| a\_field\_goals\_made | | 21 |
| a\_field\_goals\_att | | 64 |
| a\_field\_goals\_pct | | 32.8 |
| a\_three\_points\_made | | 10 |
| a\_three\_points\_att | | 38 |
| a\_three\_points\_pct | | 26.3 |
| a\_two\_points\_made | | 11 |
| a\_two\_points\_att | | 26 |
| a\_two\_points\_pct | | 0.423 |
| a\_blocked\_att | | 4 |
| a\_free\_throws\_made | | 23 |
| a\_free\_throws\_att | | 30 |
| a\_free\_throws\_pct | | 76.7 |
| a\_offensive\_rebounds | | 12 |
| a\_defensive\_rebounds | | 27 |
| a\_rebounds | | 39 |
| a\_assists | | 13 |
| a\_turnovers | | 9 |
| a\_steals | | 5 |
| a\_blocks | | 4 |
| a\_assists\_turnover\_ratio | | 1.44 |
| a\_personal\_fouls | | 21 |
| a\_ejections | |  |
| a\_foulouts | |  |
| a\_points | | 75 |
| a\_fast\_break\_pts | | 12 |
| a\_second\_chance\_pts | | 10 |
| a\_team\_turnovers | | 1 |
| a\_points\_off\_turnovers | | 13 |
| a\_team\_rebounds | | 4 |
| a\_flagrant\_fouls | | 0 |
| a\_player\_tech\_fouls | | 0 |
| a\_team\_tech\_fouls | | 0 |
| a\_coach\_tech\_fouls | | 0 |
| created | | * + 1. 5:53:37 UTC |

1. Chessgames.csv

Data about individual chess games.

|  |  |
| --- | --- |
| **id** | TZJHLljE |
| **rated** | FALSE |
| **created\_at** | 1.50E+12 |
| **last\_move\_at** | 1.50E+12 |
| **turns** | 13 |
| **victory\_status** | outoftime |
| **winner** | white |
| **increment\_code** | 15+2 |
| **white\_id** | bourgris |
| **white\_rating** | 1500 |
| **black\_id** | a-00 |
| **black\_rating** | 1191 |
| **moves** | d4 d5 c4 c6 cxd5 e6 dxe6 fxe6 Nf3 Bb4+ Nc3 Ba5 Bf4 |
| **opening\_eco** | D10 |
| **opening\_name** | Slav Defense: Exchange Variation |
| **opening\_ply** | 5 |

1. RugbyResults.csv

Each row is the results and stats from a rugby match

|  |  |
| --- | --- |
| **attendance** | 0 |
| **description** | Match 45 |
| **eventPhase** | Cup Final |
| **kc** |  |
| **matchId** | 26818 |
| **outcome** | A |
| **event\_title** | HSBC World Rugby Sevens Series 2019 - Cape Town |
| **venue\_name** | Cape Town Stadium |
| **venue\_city** | Cape Town |
| **venue\_country** | South Africa |
| **team\_1** | Fiji 7s |
| **team\_2** | USA 7s |
| **team\_1\_score** | 29 |
| **team\_2\_score** | 15 |
| **local\_time** | 09/12/2018 21:44 |

1. Mens\_Tennis.csv

Each row is the result and stats from a single match for all Tournaments.

|  |  |
| --- | --- |
| Tournament number (men) | 1 |
| Average odds of match loser (as shown by Oddsportal.com) | 3.18 |
| Average odds of match winner (as shown by Oddsportal.com) | 1.35 |
| Bet&Win odds of match loser | |
| Bet&Win odds of match winner | |
| Bet365 odds of match loser | 3 |
| Bet365 odds of match winner | 1.36 |
| Maximum number of sets playable in match | 3 |
| Centrebet odds of match loser | |
| Centrebet odds of match winner | |
| Comment on the match (Completed, won through retirement of loser, or via Walkover) | Completed |
| Type of court (outdoors or indoors) | Outdoor |
| Date | 31/12/2018 |
| Expekt odds of match loser | |
| Expekt odds of match winner | |
| Gamebookers odds of match loser | |
| Gamebookers odds of match winner | |
| Interwetten odds of match loser | |
| Interwetten odds of match winner | |
| Number of games won in 1st set by match loser | 3 |
| Number of games won in 2nd set by match loser | 4 |
| Number of games won in 3rd set by match loser | |
| Number of games won in 4th set by match loser | |
| Number of games won in 5th set by match loser | |
| Ladbrokes odds of match loser | |
| Ladbrokes odds of match winner | |
| ATP Entry points of the match loser as of the start of the tournament | 701 |
| ATP Entry ranking of the match loser as of the start of the tournament | 75 |
| Venue of tournament | Brisbane |
| Match loser | Nishioka Y. |
| Number of sets won by match loser | 0 |
| Maximum odds of match loser (as shown by Oddsportal.com) | 3.6 |
| Maximum odds of match winner (as shown by Oddsportal.com) | 1.42 |
| Pinnacles Sports odds of match loser | 3.37 |
| Pinnacles Sports odds of match winner | 1.36 |
| Round of match | 1st Round |
| Sportingbet odds of match loser | |
| Sportingbet odds of match winner | |
| Stan James odds of match loser | |
| Stan James odds of match winner | |
| Name of ATP tennis series (Grand Slam, Masters, International or International Gold) | ATP250 |
| Type of surface (clay, hard, carpet or grass) | Hard |
| Name of tounament (including sponsor if relevant) | Brisbane International |
| Unibet odds of match loser | |
| Unibet odds of match winner | |
| Number of games won in 1st set by match winner | 6 |
| Number of games won in 2nd set by match winner | 6 |
| Number of games won in 3rd set by match winner | |
| Number of games won in 4th set by match winner | |
| Number of games won in 5th set by match winner | |
| ATP Entry points of the match winner as of the start of the tournament | 1835 |
| ATP Entry ranking of the match winner as of the start of the tournament | 19 |
| Match winner | Dimitrov G. |
| Number of sets won by match winner | 2 |

1. Wommens\_Tennis.csv

|  |  |
| --- | --- |
| Average odds of match loser (as shown by Oddsportal.com) | 3.09 |
| Average odds of match winner (as shown by Oddsportal.com) | 1.37 |
| Bet365 odds of match loser | 3 |
| Bet365 odds of match winner | 1.36 |
| Maximum number of sets playable in match | 3 |
| Centrebet odds of match loser | |
| Centrebet odds of match winner | |
| Comment on the match (Completed, won through retirement of loser, or via Walkover) | Completed |
| Type of court (outdoors or indoors) | Outdoor |
| Date | 31/12/2018 |
| Expekt odds of match loser | |
| Expekt odds of match winner | |
| Number of games won in 1st set by match loser | 3 |
| Number of games won in 2nd set by match loser | 2 |
| Number of games won in 3rd set by match loser | |
| Ladbrokes odds of match loser | |
| Ladbrokes odds of match winner | |
| ATP Entry points of the match loser as of the start of the tournament | 109 |
| ATP Entry ranking of the match loser as of the start of the tournament | 350 |
| Venue of tournament | Auckland |
| Match loser | Mattek-Sands B. |
| Number of sets won by match loser | 0 |
| Maximum odds of match loser (as shown by Oddsportal.com) | 3.29 |
| Maximum odds of match winner (as shown by Oddsportal.com) | 1.43 |
| Pinnacles Sports odds of match loser | 3.29 |
| Pinnacles Sports odds of match winner | 1.38 |
| Round of match | 1st Round |
| Stan James odds of match loser | |
| Stan James odds of match winner | |
| Type of surface (clay, hard, carpet or grass) | Hard |
| Tier (tournament ranking) of WTA tennis series. | International |
| Name of tounament (including sponsor if relevant) | ASB Classic |
| Unibet odds of match loser | |
| Unibet odds of match winner | |
| Number of games won in 1st set by match winner | 6 |
| Number of games won in 2nd set by match winner | 6 |
| Number of games won in 3rd set by match winner | |
| ATP Entry points of the match winner as of the start of the tournament | 1010 |
| ATP Entry ranking of the match winner as of the start of the tournament | 53 |
| Tournament number (women) | 1 |
| Match winner | Puig M. |
| Number of sets won by match winner | 2 |