

## FIFA Data Codebook

This Kaggle dataset

(<https://www.kaggle.com/datasets/stefanoleon992/fifa-20-complete-player-dataset>) contains player data from FIFA 15 to FIFA 20. The dataset consists of 18,278 rows and 104 columns. Each row contains a unique player (observation) and each column contains unique information about the player such as their name, age, height, weight, nationality, and much more. All variables are stated and defined below.

sofifa\_id: unique number on sofifa  
player\_url: url of the scraped player  
short\_name: short name of the player  
long\_name : long name of the player  
age: age of the player  
dob: date in which the player was born  
height\_cm: height in cm of the player  
weight\_kg: weight in kg of the player  
nationality: nationality of the player  
club: club of the player  
overall: overall rating of the player  
potential: potential highest rating of the player  
value\_eur: value in EUR of the player  
wage\_eur: wage in EUR of the player  
player\_positions: positions of the player  
preferred\_foot: preferred foot of the player  
international\_reputation: international reputation of player  
weak\_foot: weak foot attribute  
skill\_moves: quality moves attribute  
work\_rate: productivity attribute  
body\_type: type of body of the player (lean, average etc.)  
real\_face: is the real\_face of the player in the game  
release\_clause\_euro: release clause in Euros  
player\_tags: player tags  
team\_position: player position in the team  
team\_jersey\_number: player shirt number in the team  
loaned\_from: club player was loaned from  
joined: date player joined from club  
contract\_valid\_until: expiration date  
nation\_position: player position in the national team  
nation\_jersey\_number: player shirt number in the national team  
pace: player pace  
shooting: player shooting attribute  
passing: player passing attribute  
dribbling: player dribbling attribute

defending: player defending attribute  
physic: player physical attribute  
gk\_diving: goalkeeper diving attribute  
gk\_handling: goalkeeper handling attribute  
gk\_kicking: goalkeeper kicking attribute  
gk\_reflexes: goalkeeper reflex attribute  
gk\_speed: goalkeeper speed attribute  
gk\_positioning: goalkeeper positioning attribute  
player\_traits: player\_traits attribute  
attacking\_crossing: player crossing attribute  
attacking\_finishing: player finishing attribute  
attacking\_heading: player heading attribute  
attacking\_short\_passing: player short passing attribute  
attacking\_volleys: player air shot attribute  
skill\_dribbling: player dribbling attribute  
skill\_curve: player curve attribute  
skill\_fk\_accuracy: player fk accuracy attribute  
skill\_long\_passing: player long passing attribute  
skill\_ball\_control: player ball control attribute  
movement\_acceleration: player acceleration attribute  
movement\_sprint\_speed: player sprint speed attribute  
movement\_agility: player agility attribute  
movement\_reactions: player reaction attribute  
movement\_balance: player balance attribute  
power\_shot\_power: player shot power attribute  
power\_jumping: player power jumping attribute  
power\_stamina: player stamina attribute  
power\_strength: player strength attribute  
power\_long\_shots: player long shots attribute  
mentality\_aggression: player mentality attribute  
mentality\_interceptions: player confidence in ability to intercept attribute  
mentality\_positioning: player confidence in ability to position themselves attribute  
mentality\_vision: player vision attribute  
mentality\_penalties: player confidence in ability to score a penalty attribute  
mentality\_composure: player composure attribute  
defending\_marking: player defending attribute  
defending\_standing\_tackle: player standing tackle attribute  
defending\_sliding\_tackle: player sliding tackle attribute  
goalkeeping\_diving: gk diving attribute  
goalkeeping\_handling: gk handling attribute  
goalkeeping\_kicking: goalkeeping kicking attribute  
goalkeeping\_positioning: goalkeeping positioning attribute  
goalkeeping\_reflexes: goalkeeping reflexes attribute  
ls: left striker value

st: striker value  
rs: right striker value  
lw: left wing value  
lf: left forward value  
cf: center forward value  
rf: right forward value  
rw: right wing value  
lam: left attacking midfield value  
cam: center attacking midfield value  
ram: right attacking midfield value  
lm: left midfield value  
lcm: left center midfield value  
cm: center midfield value  
rcm: right center midfield value  
rm: right midfield value  
lwb: left wing back value  
ldm: left defensive midfield value  
cdm: center defensive midfield value  
rdm: right defensive midfield value  
rwb: right wing back value  
lb: left back value  
lcb: left center back value  
cb: center back value  
rcb: right center back value