

FIFA

Fédération Internationale de Football Association

Dataset Link: <https://www.kaggle.com/karangadiya/fifa19>

Abstract

The dataset has been taken from the above website and has a good collection of variables that includes the player strengths, team strengths.

The column data in the dataset are as follows:

- Age, Nationality, Overall, Potential, Club, Value, Wage, Preferred Foot
- Position, Jersey Number, Height, Weight
- Crossing, Finishing, Heading, Accuracy, Short Passing, Volleys, Dribbling, Curve, FK Accuracy, Long Passing, Ball Control, Acceleration, Sprint Speed, Agility, Reactions, Balance, Shot Power, Jumping, Stamina, Strength, Long Shots, Aggression, Interceptions, Positioning, Vision, Composure, and Release Clause.

About Data

This dataset is a 9-megabyte .csv file according to survey discovered in year early 2019, which has more than 89 columns, which has been shaped and modified in the Rstudio (.R File ATTACHMENT). The csv file has more than 18000 rows of data for each player including attacking, defending and goalkeeping. There are 'NA' Values in some of the columns. We plan to clean the data and gather valuable intelligence from the dataset.

Specifications of the data

The data has few categorical variables like Nationality (country), whether player is right footed or left footed, we have a number of numerical variable like Age of the player, overall player value (out of 100). The height and weight ratio of the player, which says more about the fitness level of the player in the year 2019. The distribution of the data is projected by the age numerical quantity.

The central limit theorem is defined for understanding how exactly the shape of the distribution of mean, when we pluck a sample size from the whole data. We plot a histogram to show the values inside

Sampling of data is done for understanding the random size of plucking. Which makes the graph lean more towards the average or the mean of the data.

Raw Data which is present in the website when loaded with displaying head (data ,n=3) returns

```
#football mentioned here is also called  
#american soccer  
library(tidyverse)  
library(UsingR)  
library(prob)  
library(sampling)  
football_data<-data.frame(read.csv("data.csv" ,header = TRUE))
```

```
#view(football_data)
```

```
head(football_data,n=3)
```

i..	ID	Name	Age	Photo	Nationality	Flag	Overall	Potential	Club							
1	0 158023	L. Messi	31	https://cdn.sofifa.org/players/4/19/158023.png	Argentina				FC Barcelona							
2	1 20801	Cristiano Ronaldo	33	https://cdn.sofifa.org/players/4/19/20801.png	Portugal				Juventus							
3	2 190871	Neymar Jr	26	https://cdn.sofifa.org/players/4/19/190871.png	Brazil				Paris Saint-Germain							
				Club.Logo	Value	Wage	Special									
1				https://cdn.sofifa.org/teams/2/light/241.png	â,-110.5M	â,-565K	2202									
2				https://cdn.sofifa.org/teams/2/light/45.png	â,-77M	â,-405K	2228									
3				https://cdn.sofifa.org/teams/2/light/73.png	â,-118.5M	â,-290K	2143									
				Preferred.Foot	International.Reputation	Weak.Foot	Skill.Moves		Work.Rat							
1		Left		5		4	4	Medium/	Mediu							
2		Right		5		4	5	High/	Lo							
3		Right		5		5	5	High/	Mediu							
		Body.Type	Real.Face	Position	Jersey.Number	Joined	Loaned.From									
1		Messi	Yes	RF	10	Jul 1, 2004										
2		C. Ronaldo	Yes	ST	7	Jul 10, 2018										
3		Neymar	Yes	LW	10	Aug 3, 2017										
		Contract.Valid.Until	Height	Weight	LS	ST	RS	LW	LF	CF	RF	RW				
1		2021	5'7	159lbs	88+2	88+2	88+2	92+2	93+2	93+2	93+2	92+2				
2		2022	6'2	183lbs	91+3	91+3	91+3	89+3	90+3	90+3	90+3	89+3				
3		2022	5'9	150lbs	84+3	84+3	84+3	89+3	89+3	89+3	89+3	89+3				
		LAM	CAM	RAM	LM	LCM	CM	RCM	RM	LWB	LDM	CDM	RDM	RWB	LB	LCB
1		93+2	93+2	93+2	91+2	84+2	84+2	84+2	91+2	64+2	61+2	61+2	61+2	64+2	59+2	47+2
2		88+3	88+3	88+3	88+3	81+3	81+3	81+3	88+3	65+3	61+3	61+3	61+3	65+3	61+3	53+3
3		89+3	89+3	89+3	88+3	81+3	81+3	81+3	88+3	65+3	60+3	60+3	60+3	65+3	60+3	47+3
		CB	RCB	RB	Crossing	Finishing	Heading	Accuracy	Short	Passing	volleys					
1		47+2	47+2	59+2	84	95		70		90	86					
2		53+3	53+3	61+3	84	94		89		81	87					
3		47+3	47+3	60+3	79	87		62		84	84					
		Dribbling	Curve	FKAccuracy	LongPassing	BallControl	Acceleration	SprintSpeed								
1		97	93		94	87		96		91	86					
2		88	81		76	77		94		89	91					
3		96	88		87	78		95		94	90					
		Agility	Reactions	Balance	ShotPower	Jumping	Stamina	Strength	LongShots							

1	91	95	95	85	68	72	59	94
2	87	96	70	95	95	88	79	93
3	96	94	84	80	61	81	49	82
	Aggression	Interceptions	Positioning	Vision	Penalties	Composure	Marking	
1	48	22	94	94	75	96	33	
2	63	29	95	82	85	95	28	
3	56	36	89	87	81	94	27	
	StandingTackle	SlidingTackle	GKDividing	GKHandling	GKkicking	GKPositioning		
1	28	26	6	11	15	14		
2	31	23	7	11	15	14		
3	24	33	9	9	15	15		
	GKReflexes	Release.Clause						
1	8	â,-226.5M						
2	11	â,-127.1M						
3	11	â,-228.1M						

After Cleaning the data:

```
> head(football_data,n=3)
```

i..	ID	Name	Age	Nationality	Overall	Potential		
1	0 158023	L. Messi	31	Argentina	94	94		
2	1 20801	Cristiano Ronaldo	33	Portugal	94	94		
3	2 190871	Neymar Jr	26	Brazil	92	93		
	Club	Value	Wage	Preferred.Foot	International.Reputation			
1	FC Barcelona	110.5M	565K	Left	5			
2	Juventus	77M	405K	Right	5			
3	Paris Saint-Germain	118.5M	290K	Right	5			
	Weak.Foot	Skill.Moves	Body.Type	Real.Face	Position	Jersey.Number		
1	4	4	Messi	Yes	RF	10		
2	4	5	C. Ronaldo	Yes	ST	7		
3	5	5	Neymar	Yes	LW	10		
	Contract.Valid.Until	Height	Crossing	Finishing	HeadingAccuracy	ShortPassing		
1	2021	5'7	84	95	70	90		
2	2022	6'2	84	94	89	81		
3	2022	5'9	79	87	62	84		
	Volleys	Dribbling	Curve	FKAccuracy	LongPassing	BallControl	Acceleration	
1	86	97	93	94	87	96	91	
2	87	88	81	76	77	94	89	
3	84	96	88	87	78	95	94	
	SprintsSpeed	Agility	Reactions	Balance	ShotPower	Jumping	Stamina	Strength
1	86	91	95	95	85	68	72	59
2	91	87	96	70	95	95	88	79
3	90	96	94	84	80	61	81	49
	LongShots	Aggression	Interceptions	Positioning	Vision	Penalties	Composure	
1	94	48	22	94	94	75	96	
2	93	63	29	95	82	85	95	
3	82	56	36	89	87	81	94	
	Marking	StandingTackle	SlidingTackle	GKDividing	GKHandling	GKkicking		
1	33	28	26	6	11	15		
2	28	31	23	7	11	15		
3	27	24	33	9	9	15		
	GKPositioning	GKReflexes	Release.Clause					
1	14	8	226.5M					
2	14	11	127.1M					
3	15	11	228.1M					

Categorical variable deployment

R-code:

```
x<-table(football_data$Nationality)

x<-head(sort(x,decreasing = TRUE))

x
```

Explanation:

Tabulating the player's country and sorting it in decreasing would fetch the most number of players from a particular country .

Output:

x

England	Germany	Spain	Argentina	France	Brazil
1662	1198	1072	937	914	827

Numeric variable

Now we try to understand the how many players are right-footed and how many player are left-footed

For that to implement, we need to understand the game has a goalkeeper, for whom the right-footed and left-footed does not imply correctly .We need to subset and reduce the vision of the equation to players on the field except the goalkeepers.

We introduce this as factor as the values are either right or left footed.

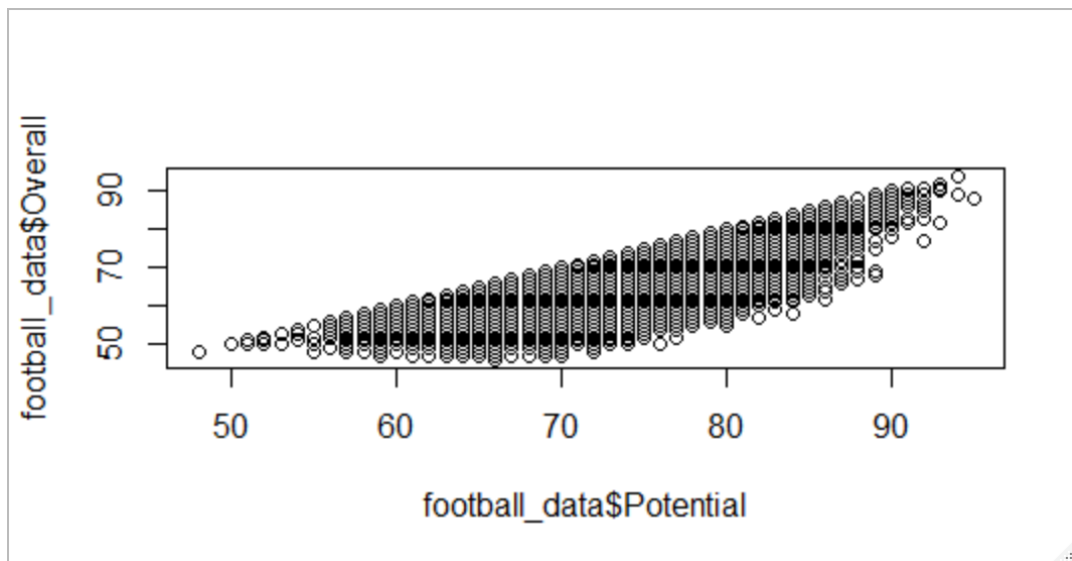
```
p<-as.factor(football_data$Preferred.Foot)
subdf<- subset(p,football_data$Preferred.Foot!="")
subdf
subdf<- table(subdf)
prop.table(subdf)
```

Now we look at the scatterplot between the overall ranking and the potential to which the player is capable off.

R-code:

```
plot(football_data$Potential,football_data$Overall)
```

Graph:



Explanation:

The above graph deals with exemplifying the coordination of potential, which is expected to be higher from a player when compared to the overall values.

Now we understand the sentiment of the player's Jersey Number as the player is free to choose the number what are the general selections made by the player's to which they adapt the jersey.

R-code:

```
fivenum(football_data$Jersey.Number, na.rm = TRUE)
```

```
median(football_data$Jersey.Number, na.rm = TRUE)
```

Explanation:

Fivenum summary is to know the q1 and q3 of the Jersey number, under which interval most of the players choose and some of the numbers are not present which have 'NA' values, which we make true to remove them during operations like mean, median, etc.

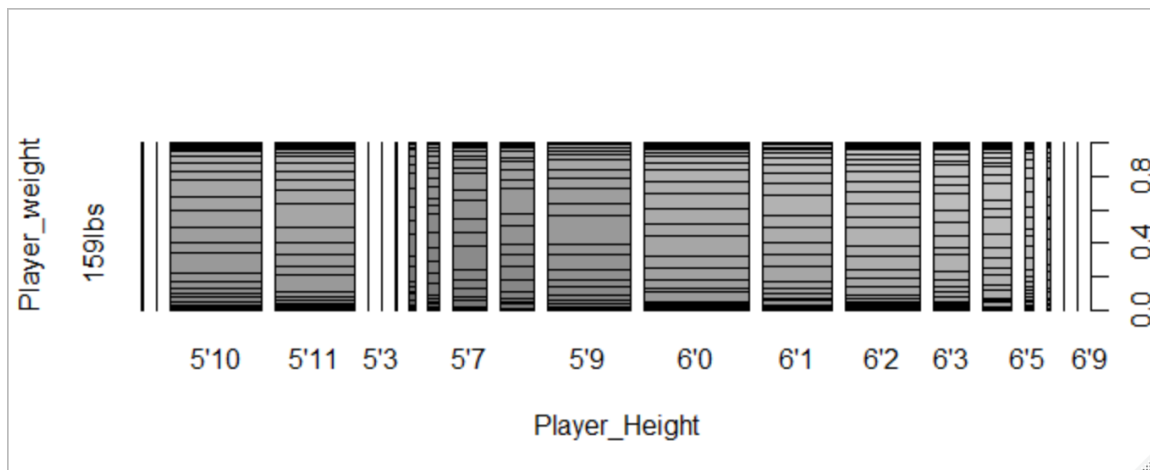
Output:

```
> fivenum(football_data$Jersey.Number, na.rm = TRUE)
[1] 1 8 17 26 99
```

```
median(football_data$Jersey.Number, na.rm = TRUE)
[1] 17
```

Health of the player's is one of the most important part as the players are provided with the best facilities and wages, which indicates that the health and the height to body ratio of players should be really good.

Graph:



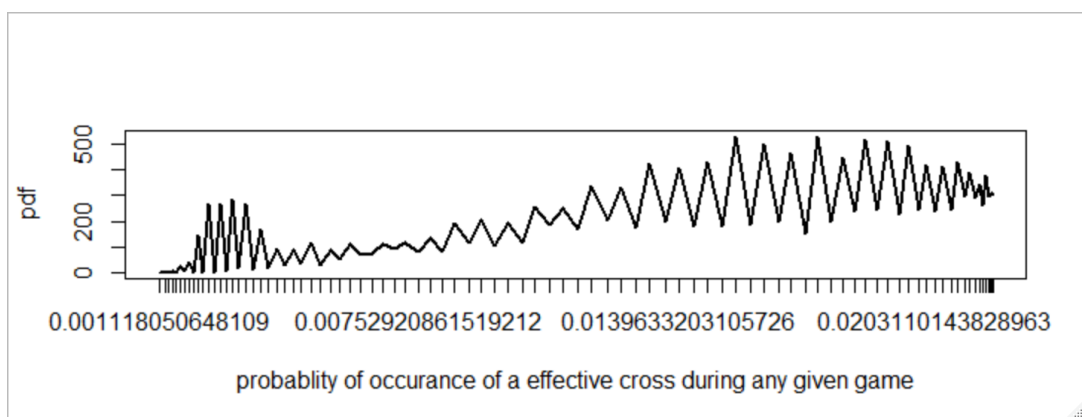
Crossing is one of major perks of a breakthrough in a game points .we calculate the capability of players who can give more number of connecting crosses to another player during a given running game .

R-code:

```
cross_mean<-mean(football_data$Crossing,na.rm =TRUE)
cross_sd<-sd(football_data$Crossing,na.rm =TRUE)
pdf1<-dnorm(football_data$Crossing,mean = cross_mean,sd = cross_sd)
pdf<-table(pdf1)
sum(pdf)

plot( x = pdf,type = "l",abline(h=0),xlab ="probability of occurance
```

Graph:



Top Ranked player in the having overall greater than 85 and the vision for observing the ball movement plays vital role for predicting the player is a world class player or not .

R-code:

```
ranked<-football_data[(football_data$Overall >= 85|football_data$Vision >=85),]
```

```
head(ranked,n =18)
```

Output:

```
head(ranked,n =18)
```

	i..	ID	Name	Age	Nationality	Overall	Potential
1	0	158023	L. Messi	31	Argentina	94	94
2	1	20801	Cristiano Ronaldo	33	Portugal	94	94
3	2	190871	Neymar Jr	26	Brazil	92	93
4	3	193080	De Gea	27	Spain	91	93
5	4	192985	K. De Bruyne	27	Belgium	91	92
6	5	183277	E. Hazard	27	Belgium	91	91
7	6	177003	L. Modrić	32	Croatia	91	91
8	7	176580	L. Suárez	31	Uruguay	91	91
9	8	155862	Sergio Ramos	32	Spain	91	91
10	9	200389	J. Oblak	25	Slovenia	90	93
11	10	188545	R. Lewandowski	29	Poland	90	90
12	11	182521	T. Kroos	28	Germany	90	90
13	12	182493	D. Godín	32	Uruguay	90	90
14	13	168542	David Silva	32	Spain	90	90
15	14	215914	N. Kanté	27	France	89	90
16	15	211110	P. Dybala	24	Argentina	89	94
17	16	202126	H. Kane	24	England	89	91
18	17	194765	A. Griezmann	27	France	89	90

Few Rows and columns are omitted

As by observing the games we understand that the player who has the opportunity to score the goal (striker) is paid to a great extent when compared to defense player. We try find the strikers of the football data set

R-code:

```
all_st<-football_data[(football_data$Position %in% "ST"),]
```

```
all_st
```

Output:

```
all_st
```

	i..	ID	Name	Age	Nationality	Overall	Potential
2	1	20801	Cristiano Ronaldo	33	Portugal	94	94
11	10	188545	R. Lewandowski	29	Poland	90	90
17	16	202126	H. Kane	24	England	89	91
24	23	153079	S. Agüero	30	Argentina	89	89
37	36	173731	G. Bale	28	Wales	88	88
44	43	201399	M. Icardi	25	Argentina	87	90
48	47	192505	R. Lukaku	25	Belgium	87	89
49	48	192387	C. Immobile	28	Italy	87	87
88	87	193301	A. Lacazette	27	France	85	86
99	98	180930	E. Džeko	32	Bosnia Herzegovina	85	85

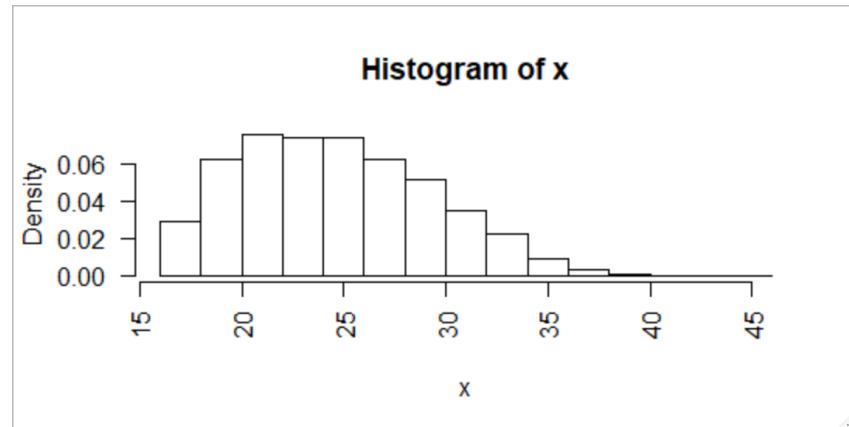
106	105	165153	K. Benzema	30	France	85	85
125	124	202556	M. Depay	24	Netherlands	84	89
131	130	192629	Iago Aspas	30	Spain	84	84
140	139	181783	M. Mandžukić	32	Croatia	84	84
146	145	176769	Jonas	34	Brazil	84	84
157	156	230666	Gabriel Jesus	21	Brazil	83	92
160	159	230294	Louri Beretta	26	Brazil	83	83
180	179	206113	S. Gnabry	22	Germany	83	88

Centralized limit theorem

R-code:

```
#centralized limit theroem for the football data w.r.t Age element
x<-football_data$Age
hist(x, prob = TRUE, breaks = 15, las =2)
#Distribution of the data
#normal
par
size<-20
xbar <- numeric(length(football_data$Age))
for(i in 1:length(football_data$Age)) {
  xbar[i] <- mean(rnorm(size, mean = mean(football_data$Age), sd = sd(football_data$Age))
}
hist(xbar, prob = TRUE, main = "Sample Size = 20")
```

Output:



Normal Distribution of the sample size varying from 20,30,40

R-code:

```
size<-20
xbar <- numeric(length(football_data$Age))
for(i in 1:length(football_data$Age)) {
  xbar[i] <- mean(rnorm(size, mean = mean(football_data$Age), sd = sd(football_data$Age)))
}
```



```

hist(xbar, prob = TRUE, main = "Sample Size = 20")

size<-30

xbar <- numeric(length(football_data$Age))

for(i in 1:length(football_data$Age)) {

  xbar[i] <- mean(rnorm(size, mean = mean(football_data$Age), sd = sd(football_data$Age)))

}

hist(xbar, prob = TRUE, main = "Sample Size = 30")

size<-40

xbar <- numeric(length(football_data$Age))

for(i in 1:length(football_data$Age)) {

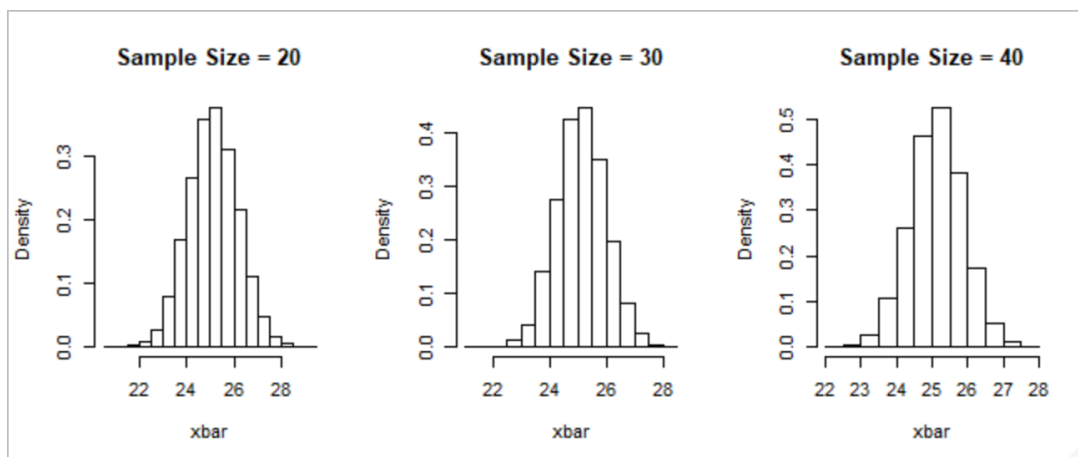
  xbar[i] <- mean(rnorm(size, mean = mean(football_data$Age), sd = sd(football_data$Age)))

}

hist(xbar, prob = TRUE, main = "Sample Size = 40")

```

Output:



Brazilians footballers are called the flair of soccer. Their touch to football is majestic, flexible .As a fifth largest data for Brazil I plan to sample some of the player details.

R-code:

```

> nrow(ST)
[1] 827
> size <-20
> sample<-srswor(size ,nrow(ST))
> table(sample)
sample
 0      1
807    20

```

```

> y<-ST[sample!=0,]
> f<-data.frame(table(y$Age))
> colnames(f)<-c("Age","samples")
> f
  size <-30
> sample<-srswor(size ,nrow(ST))
> table(sample)
sample
  0    1
797  30
y

```

Output:

	Age	samples
1	20	1
2	21	1
3	23	1
4	25	2
5	26	4
6	27	2
7	28	1
8	29	1
9	30	1
10	31	1
11	33	3
12	34	2

y	i..	ID	Name	Age	Nationality	Overall	Potential
432	431	221540	RaÃol	28	Brazil	80	80
646	645	199304	Danilo	26	Brazil	79	80
1013	1012	140384	JÃ	31	Brazil	77	77
1370	1369	230250	Emilio PiodÃfo	26	Brazil	76	76
1436	1435	168607	Rafinha	32	Brazil	76	76
1818	1817	207734	Paulinho	23	Brazil	75	82
2144	2143	230437	Elias Fontoira	34	Brazil	74	74
2827	2826	210016	Diego Lopes	24	Brazil	73	77

```

> f
  Age samples
1  17        1
2  21        1
3  23        3
4  24        4
5  25        1
6  26        4
7  27        2
8  28        1
9  29        2
10 30        2
11 31        1
12 32        1
13 33        1
14 34        6
> f<-data.frame(table(y$Age))
> colnames(f)<-c("Age","samples")
> f
  Age samples
1  19        1
2  21        1

```

3	22	2
4	24	1
5	25	2
6	26	6
7	27	1
8	28	1
9	29	2
10	30	13
11	31	1
12	34	8
13	36	1

France is the birth place of FIFA , one of the pride of French is PSG [Paris Saint-Germain] CLUB

R-code:

```
psg<-football_data[(football_data$Club == "Paris Saint-Germain"),]
```

```
psg
```

```
head(psg)
```

Output:

```
> head(psg)
```

	i..	ID	Name	Age	Nationality	Overall	Potential
3	2	190871	Neymar Jr	26	Brazil	92	93
22	21	179813	E. Cavani	31	Uruguay	89	89
26	25	231747	K. MbappÃ©	19	France	88	95
40	39	164240	Thiago Silva	33	Brazil	88	88
42	41	1179	G. Buffon	40	Italy	88	88
64	63	199556	M. Verratti	25	Italy	86	89

		Club	Value	wage	Preferred.Foot
3		Paris Saint-Germain	118.5M	290K	Right
22		Paris Saint-Germain	60M	200K	Right
26		Paris Saint-Germain	81M	100K	Right

Spain is famous for their playing style which is called tiki-taka (passing continuously)

R-code:

```
spain<-football_data[(football_data$Nationality == "Spain"),]
```

```
spain
```

```
head(spain)
```

Output:

```
head(spain)
```

	i..	ID	Name	Age	Nationality	Overall	Potential
4	3	193080	De Gea	27	Spain	91	93
9	8	155862	Sergio Ramos	32	Spain	91	91
14	13	168542	David Silva	32	Spain	90	90
21	20	189511	Sergio Busquets	29	Spain	89	89
31	30	197781	Isco	26	Spain	88	91
50	49	189332	Jordi Alba	29	Spain	87	87

		Club	Value	wage	Preferred.Foot	International.Reputation
4		Manchester United	72M	260K	Right	4
9		Real Madrid	51M	380K	Right	4
14		Manchester City	60M	285K	Left	4
21		FC Barcelona	51.5M	315K	Right	

Sampling:

Random sampling without replacement

For this we take the variables age, which is merely constant among most of the footballers . As the number of samples in the dataset are 18K I'd take a sample of the data of the Brazilians to apply sampling

Rcode: [size =21]

```
> age<-football_data[( football_data$Nationality == "Brazil"),]  
> nrow(age)  
[1] 827  
> size<-21  
> age_sample <-srswor(size,nrow(age))  
> x<-table(age_sample)  
> sample_age<-age[x!=0,]
```

Output:

```
> sample_age  
  i.. ID      Name Age Nationality Overall Potential  
3    2 190871  Neymar Jr 26      Brazil      92      93  
28   27 200145   Casemiro 26      Brazil      88      90  
33   32 189242   Coutinho 26      Brazil      88      89  
36   35 176676    Marcelo 30      Brazil      88      88  
40   39 164240  Thiago Silva 33      Brazil      88      88  
58   57 210257    Ederson 24      Brazil      86      90  
62   61 201942 Roberto Firmino 26      Brazil      86      87  
65   64 191043   Alex Sandro 27      Brazil      86      86  
66   65 190483 Douglas Costa 27      Brazil      86      86  
76   75 135507  Fernandinho 33      Brazil      86      86  
82   81 212831    Alisson 25      Brazil      85      90  
92   91 187961   Paulinho 29      Brazil      85      85  
103 102 171919    Naldo 35      Brazil      85      85  
105 104 168609   Miranda 33      Brazil      85      85  
107 106 164169 Filipe Lu  s 32      Brazil      85      85  
113 112 212462   Alex Telles 25      Brazil      84      87  
119 118 209499    Fabinho 24      Brazil      84      88
```

Rcode:[size =31]

```
> size<-31  
> age_sample <-srswor(size,nrow(age))  
> x<-table(age_sample)  
> sample_age<-age[x!=0,]  
> sample_age  
  i.. ID      Name Age Nationality Overall Potential  
3    2 190871  Neymar Jr 26      Brazil      92      93  
28   27 200145   Casemiro 26      Brazil      88      90  
33   32 189242   Coutinho 26      Brazil      88      89  
36   35 176676    Marcelo 30      Brazil      88      88  
40   39 164240  Thiago Silva 33      Brazil      88      88  
58   57 210257    Ederson 24      Brazil      86      90  
62   61 201942 Roberto Firmino 26      Brazil      86      87  
65   64 191043   Alex Sandro 27      Brazil      86      86  
66   65 190483 Douglas Costa 27      Brazil      86      86  
76   75 135507  Fernandinho 33      Brazil      86      86  
82   81 212831    Alisson 25      Brazil      85      90  
92   91 187961   Paulinho 29      Brazil      85      85  
103 102 171919    Naldo 35      Brazil      85      85  
105 104 168609   Miranda 33      Brazil      85      85  
107 106 164169 Filipe Lu  s 32      Brazil      85      85  
113 112 212462   Alex Telles 25      Brazil      84      87
```

Rcode:

```
> size<-41  
> age_sample <-srswor(size,nrow(age))  
> x<-table(age_sample)  
> sample_age<-age[x!=0,]
```

```
> sample_age
```

i..	ID	Name	Age	Nationality	Overall	Potential	
3	2	190871	Neymar Jr	26	Brazil	92	93
28	27	200145	Casemiro	26	Brazil	88	90
33	32	189242	Coutinho	26	Brazil	88	89
36	35	176676	Marcelo	30	Brazil	88	88
40	39	164240	Thiago Silva	33	Brazil	88	88
58	57	210257	Ederson	24	Brazil	86	90
62	61	201942	Roberto Firmino	26	Brazil	86	87
65	64	191043	Alex Sandro	27	Brazil	86	86
66	65	190483	Douglas Costa	27	Brazil	86	86
76	75	135507	Fernandinho	33	Brazil	86	86
82	81	212831	Alisson	25	Brazil	85	90
92	91	187961	Paulinho	29	Brazil	85	85

Systematic sampling of Brazilian footballers

Rcode:

```
a<-sample(ceiling(nrow(age)/size),1)
> b<-seq(a, by=ceiling(nrow(age)/size), length=size)
> ab <-age[b,]
> head(ab)
```

i..	ID	Name	Age	Nationality	Overall	Potential	
28	27	200145	Casemiro	26	Brazil	88	90
159	158	230375	Josué Chiamulera	26	Brazil	83	83
276	275	195093	Willian Josué	26	Brazil	82	83
565	564	230312	Gabriel Prestes	26	Brazil	79	79
759	758	224116	Dyego Sousa	28	Brazil	78	78
1007	1006	207707	Marçal	29	Brazil	77	77

	Club	Value	Wage	Preferred	Foot
28	Real Madrid	59.5M	285K		Right
159	Grêmio	22.5M	43K		Right
276	Real Sociedad	26.5M	44K		Right

Extra

Tabulate the length of players name in dataset

```
> table(str_length(football_data$Name))
```

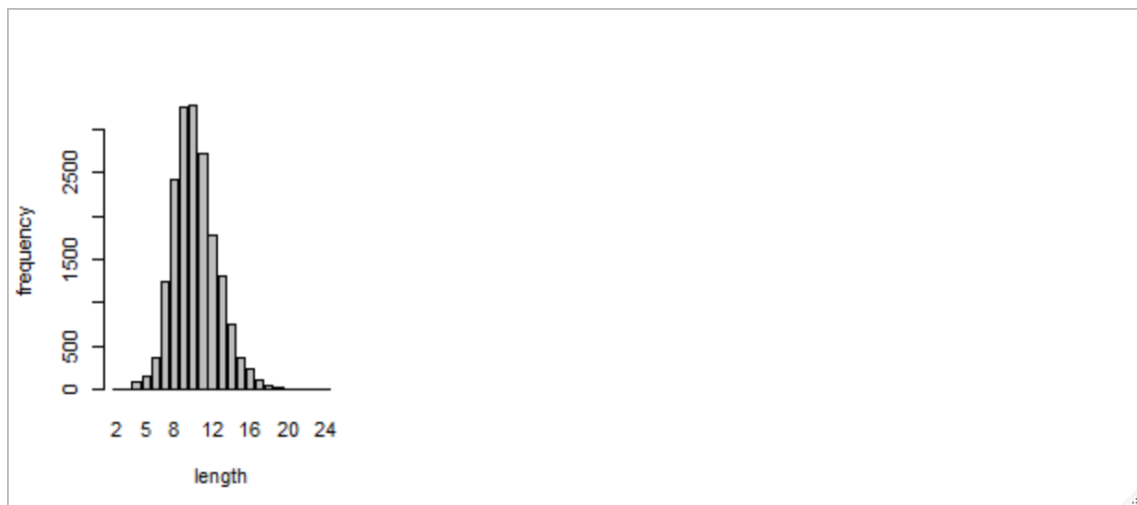
2	3	4	5	6	7	8	9	10
1	6	89	166	365	1252	2409	3248	3259
11	12	13	14	15	16	17	18	19
2718	1774	1317	757	371	244	106	59	34
20	21	22	23	24				
16	12	1	2	1				

Plotting a barplot for all the frequency of player name length occurrence

Rcode:

```
barplot(table(str_length(football_data$Name)), xlab = "length", ylab = "frequency")
```

Graph:



Rcode:

```
plot(table(str_length(football_data$Name)), xlab = "length", ylab = "frequency" )
```

Graph:



Smallest player's name in the dataset

Rcode:

```
football_data$Name[str_length(football_data$Name) == min(str_length(football_data$Name))]
```

Output:

```
> football_data$Name[str_length(football_data$Name) == min(str_length(football_data$Name))]  
[1] PC
```

All the player names which start with the letter P

```
football_data$Name[str_detect(football_data$Name, "^P")]
```

```
> football_data$Name[str_detect(football_data$Name, "^P")]
 [1] P. Dybala          P. Aubameyang      P. Pogba
 [4] Piqui             Parejo             Paulinho
 [7] Pepe              P. Kimpembe        Pizzi
[10] Pepe Reina        Pau Llorenz        Pablo Sarabia
[13] Pedro             P. Aech            Pablo Fornals
[16] P. Zielinski      Paco Alcacer       Pedro Leon
[19] Pacheco           Portu              P. Kadeishvili
[22] P. Gulicsi        P. Jones           P. Wernbloom
[25] P. Lees-Melou     Petros             Pablo Maffeo
[28] P. Sisto          P. Max             Pere Pons
[31] Pozuelo           Pedro Mendes       P. Hernandez
[34] P. Parez          P. Groen            P. Diop
[37] Pedro Obiang      P. Cutrone         P. Jagielka
[40] P. Skjelbred      P. Herrmann        P. Hetemaj
[43] Paulinho          P. Schick          P. Bargfrede
```

There are many rows and columns which are not present here as the space won't be sufficient.