<u>The next Young potential players</u>

<u>FIFA Dataset Exploration</u>

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After the covid-19 is approached to our world, we can see Decline in stocks in a lot of companies. Some of those companies owners owns football clubs ,this will have straight influence on their investment on those clubs.
in my opinion we are going to see less transfers of top talented players as we could see in the past few years like Neymar Jr moving to Paris-saint germen or Ronaldo moving from Real Madrid to Juventus.

So, football clubs should now grow up their own "home" players. The investment in those players can take a few years but then those clubs can get better team and make a lot of money by selling them after few years.

In the next few pages, I will show summarize about football clubs and nationals that grew up and can grow up some good players, what they have in common and some examples for young players who made their way to be top football players.

<u>The Data</u>

I took the data from Kaggle, "The complete FIFA 20 dataset" include data from the years 2015-2020 with all the players that exists in the FIFA game. Data has been scraped from the publicly available website https://sofifa.com.

After understanding the data values and handle with missing values and dropping some non-relevant columns, we can go to see the results.

The visualization of the figures made with Matplotlib, the data manipulation with Pandas.

<u>Potential players</u>

The data include values of potential rank between 1-100 , usually the potential score is higher than the over-all value ,in this article I will give more emphasis to potential rank than to the overall score.

I decided to set potential players as players who are younger than 21 and have more then 79 in their potential score.

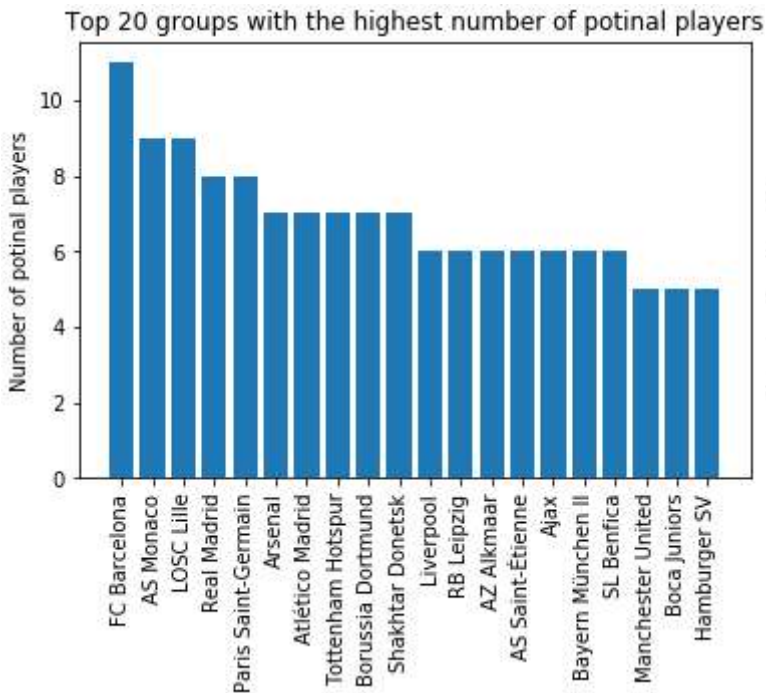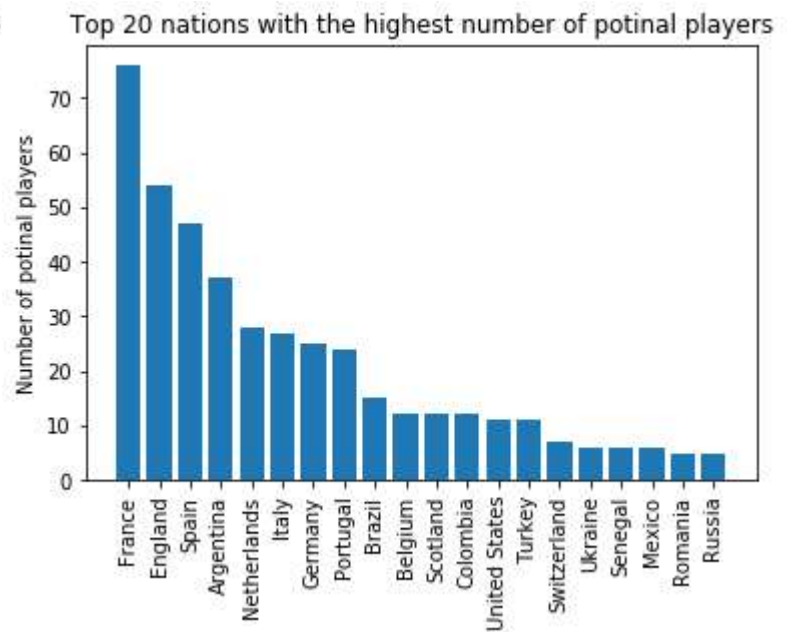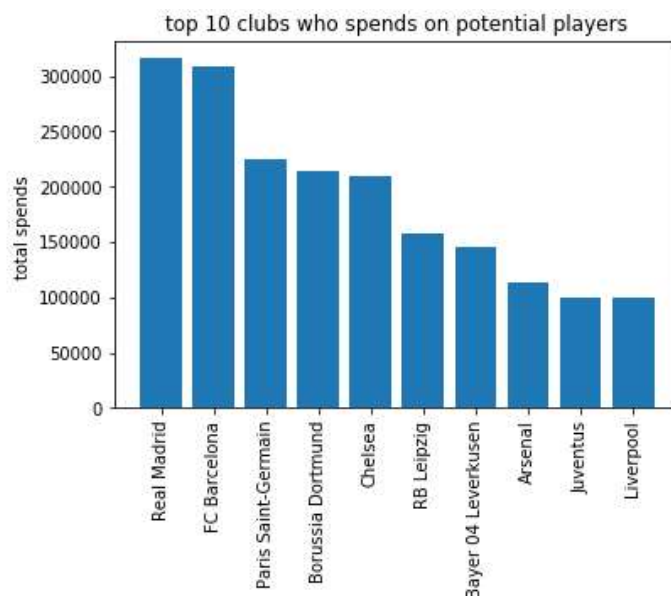529 potential players found with those condition.

Figure 1
Figure 2

Top 20 groups with the highest number of potinal players

Top 20 nations with the highest number of potinal players

Figure 3

top 10 clubs who spends on potential players

As we can see(figure 2) France is leading with highest number of young potential players , we can see also that those players stays in the France league ,3 teams in the top 5 (figure 1) ,this reminded me a YouTube video from the incredible "Vox" channel link to the video: https://www.youtube.com/watch?v=P55XYp2KD2Y If you like football and data I recommended for you to see this video.

Although France is leading to produce potential players, we can see from figure 3 that only 1 France team in the top clubs who spends on those young players.
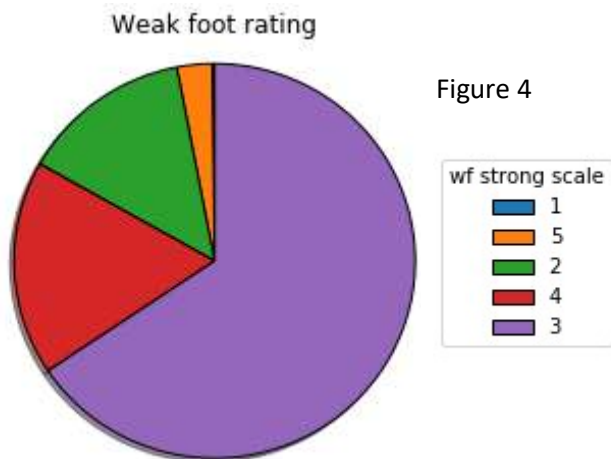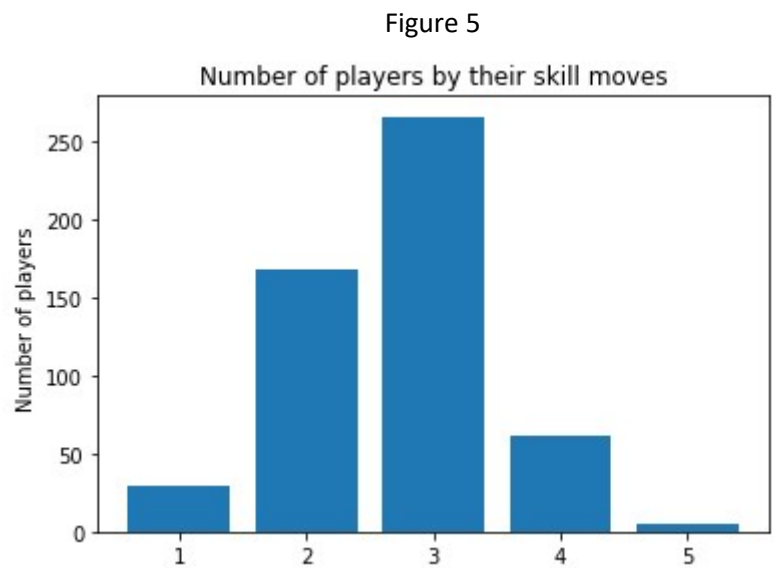
Potential players common features:

Figure 5

Weak foot rating

Figure 4

Number of players by their skill moves

Figure 6

Number of players by thier traits

Figure 7
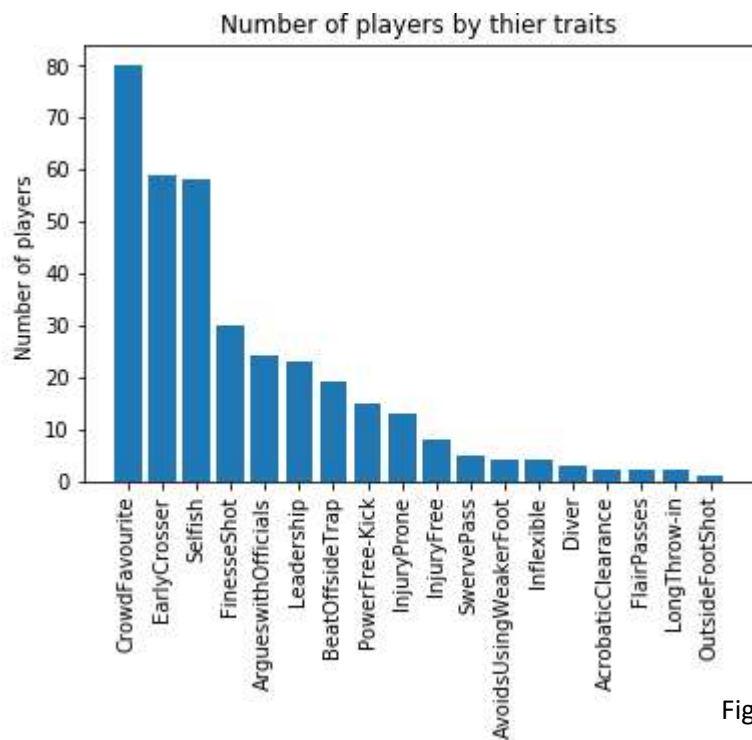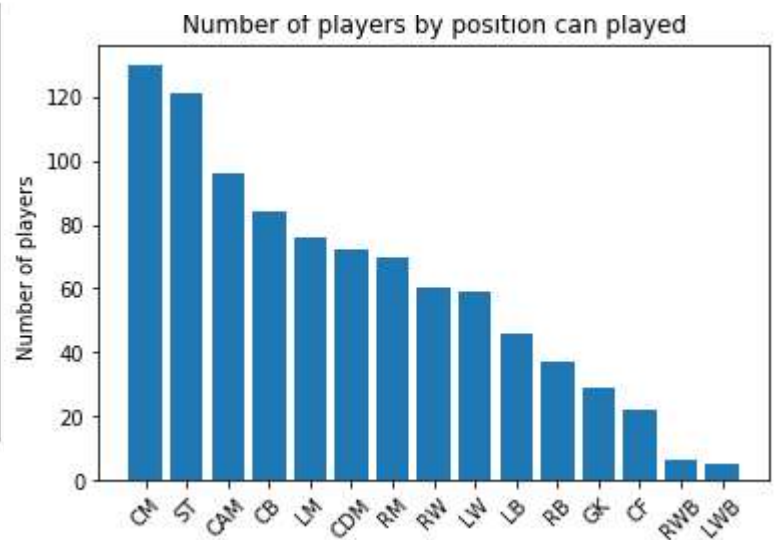

Number of players by position can played

Figure 8
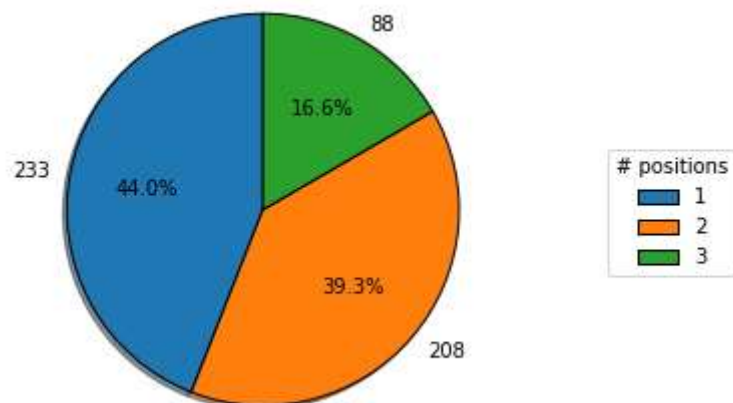
Number of positions player can play

Figure 4: we can see that more then 75% can play in their weak foot, this is very important trait to players who want to become superstar. The ability to play with both legs can help the player to play in both wings and help him to give his best shot or pass in any way.

Figure 5: skill moves are very important to players, no matter they are in the attack or in defense, more than 300 players having more than 55% of the players , have at least 3 skill moves.

Figure 6 : crowd favorite is the top trait of those potential players, that thing can be very understand full because the crowd that come to see good football players pay money to the club , and good players pay back with good skills. Another trait that comes up right away when we are looking on this figure is selfish. This value is very weird, one reason I can think why this trait is on the third place is because good players can seems to be selfish because they are so determined to get the best results and sometimes it seems to be like selfish behavior.
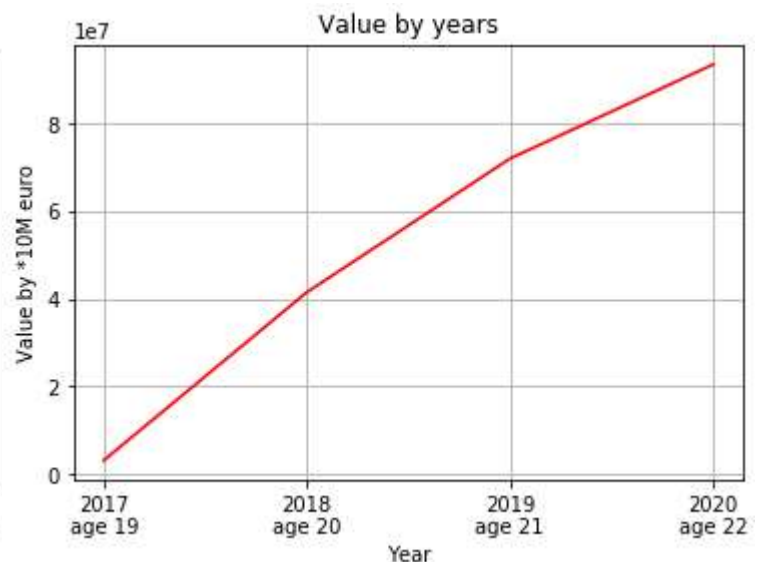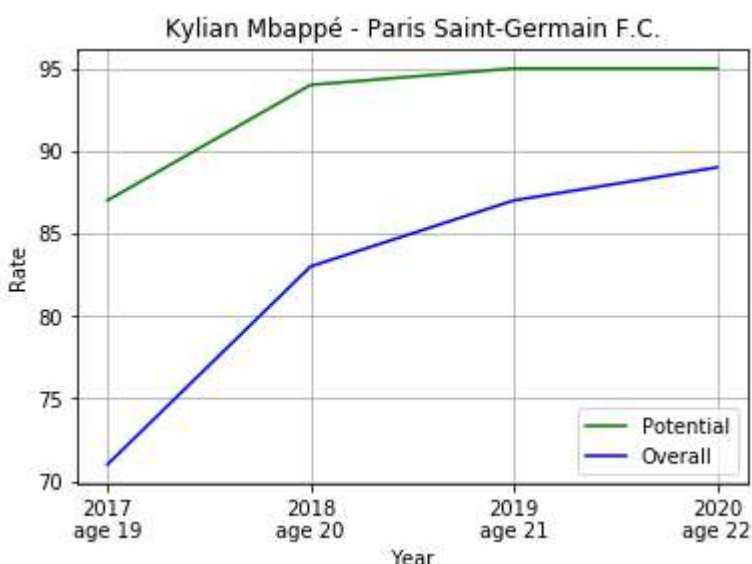
Figure 7: the most common position is in the central and the attacking position. defending position should be manned by older and more experienced players, this experience come with the age.

Figure 8: 56% of the potential players can play in more then two position, that is important to young players that can still build up and decide the best position for them.
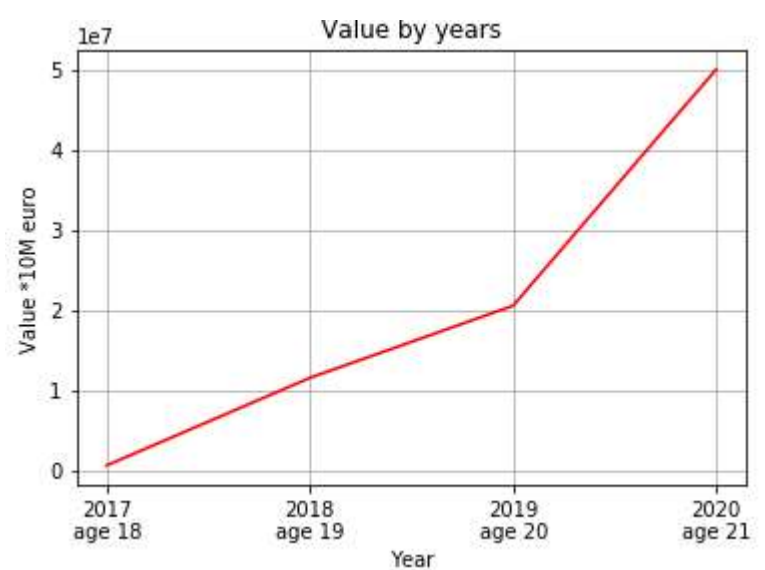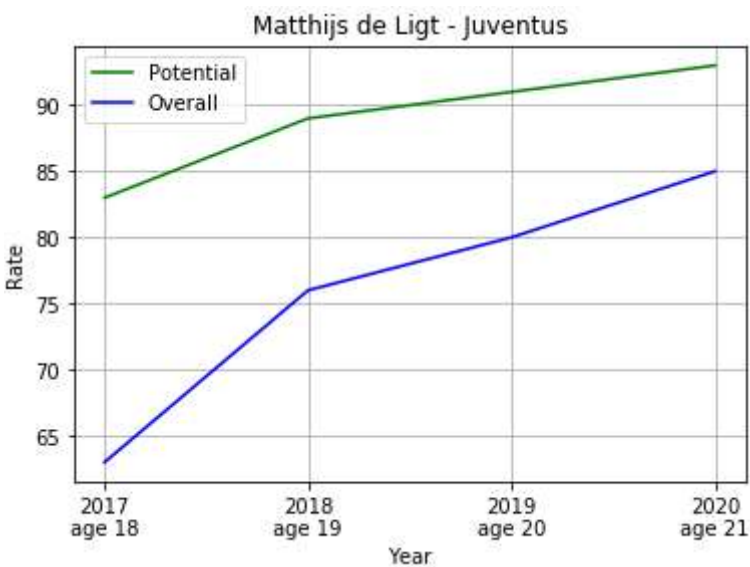
After we saw some common attribute in those young potential players, let's take a look on players who made a big step to be the next Ronaldo or Messi.

I decided to take the 3 excellent players that play in the top clubs in Europe. The price tag as their overall score increased in 1 years by dozens of percentages.
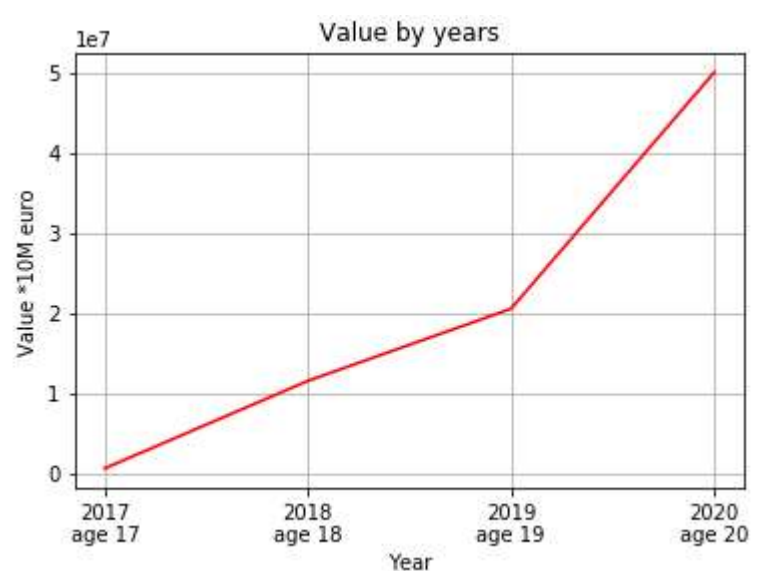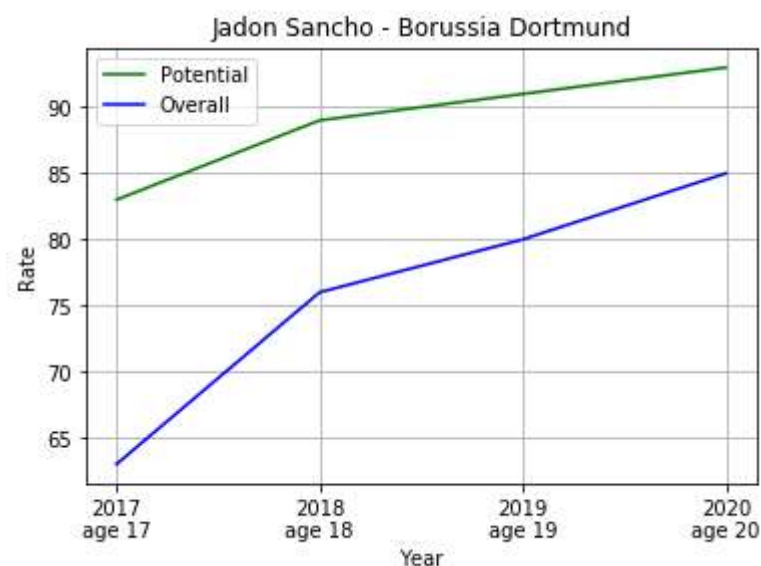
1. Kylian Mbappé

2. Matthijs de Ligt.

Matthijs de Ligt - Juventus

Value by years

3.Jadon Sancho

Jadon Sancho - Borussia Dortmund

Value by years

As we can see all those players made a huge step to be the best players in the world, we all hope to see more players in the next few years.

<u>Summarize</u>

In my opinion the influence of covid-19 on the football will make some good changes, I already see in the Israeli football league ,that the owners of football clubs said that the budget of the club will cut in the next sessions, this cause to decreasing in buying foreign players and will make the team to include young players in the first squad. Then they improve their skills and can be sell in the next few years to other clubs in Israel and even to Europe.