



IRONHACK DA24



IRONHACK FC

● FIFA MONEY-BALL PROJECT



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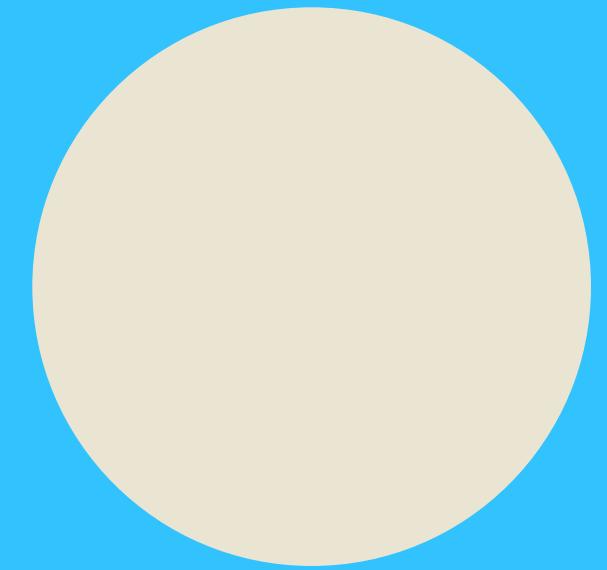
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CHALLENGE

WHAT WE HAVE TO DO

01 IRONHACK FC

Our objective in this quest is to help Ironhack FC, found the best players as possible for a €100 million budget.



02 How we started

We had access to some data informations about a certain amount of players divided by two different tables. This data came from different sources.

03 How we did it

With this data, we started a process to analyze both of them to found the variables we need, and then create a model to make our objective happen.

THE PROCESS

SOLUTIONS OF THE PROBLEMS



01

First steps

We analyze a first table to get informations that were lacking in the table that had the players we had access to buy.

02

Founding the value

Through our analysis we define that the overall statistic was the most important for our objective.

02

Analysing overall

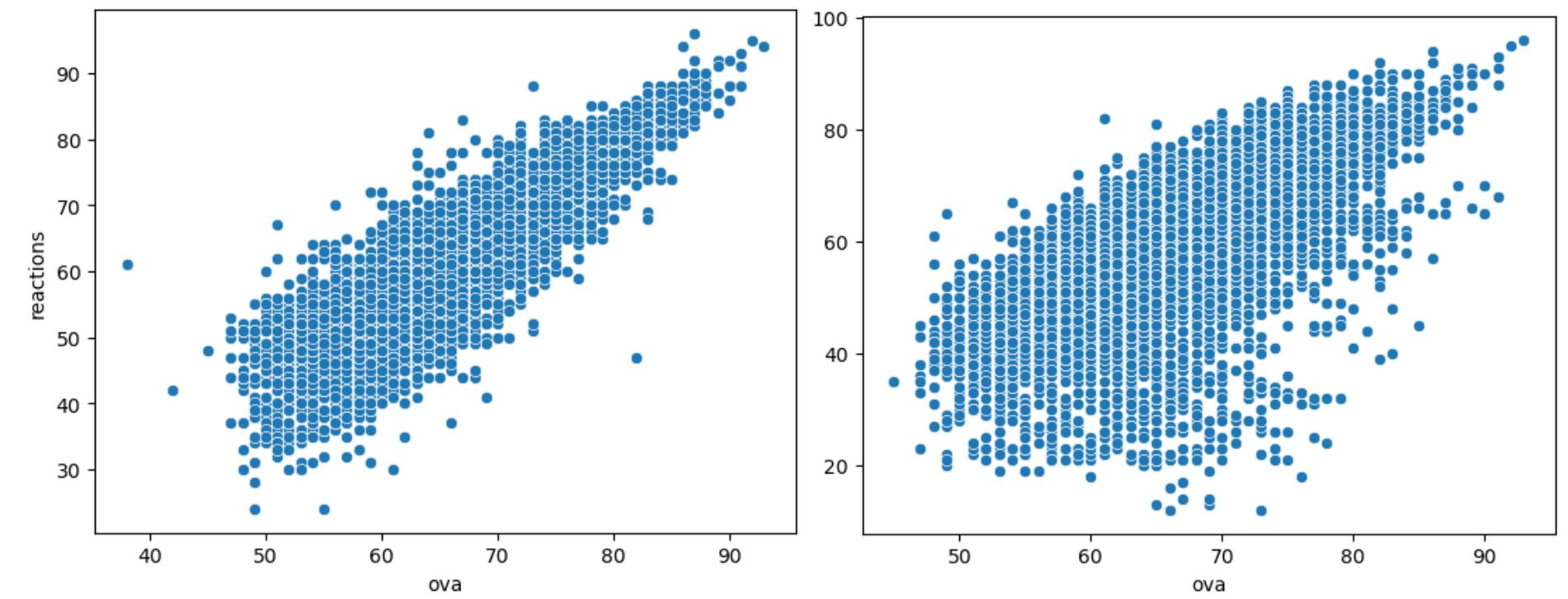
We then started to perform analysis on the data to find which values were more correlated to the overall. By doing this, we will be able to build a model to apply in our table and create an overall that is missing.



GRAPHICS

JUST SOME OF OUR FIRST IDEAS

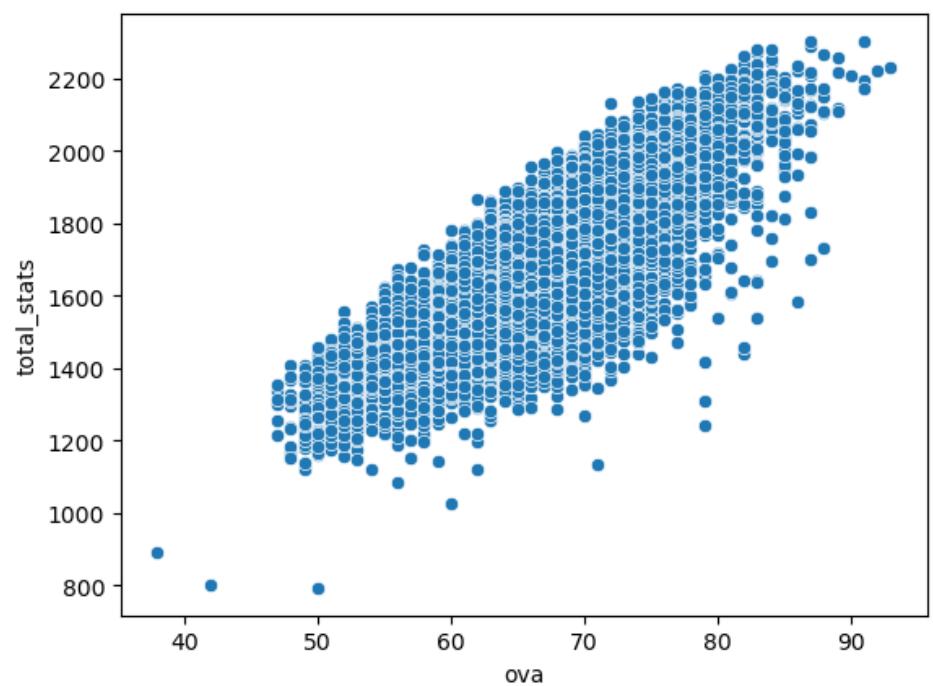
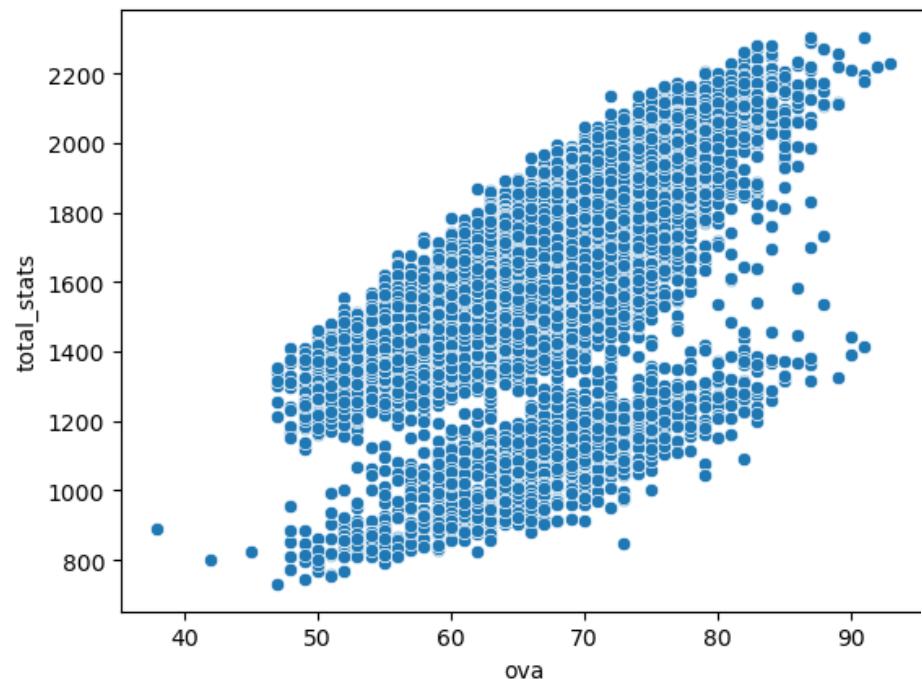
Here we see some graphs we made after doing some correlations with the different skills towards the overall.



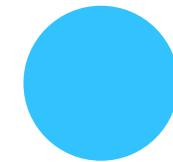
CORRELATION

OUR NEXT STEP

After we performed our first analysis we saw that using all players in the same model was giving us some hard time in found a good correlation. Then we decided to separate every player in their best position, so we can have more accurate numbers. We separate them into Goalkeeper, Defense, Middle and Attack. doing that we had better results



First graph is with all the players



Second one just with the goalkeepers



OUR PLAYERS

Philipp Lahm
OVA 86
€29,5M



Manuel Neuer
OVA 89
€29M

Luis Suárez
OVA 87
€31,5M



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THANK YOU

FOR YOUR NICE ATTENTION