

# Highest quality footballer prediction

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## Introduction

This database has the number of the best football players for 2021. I decided to make a prediction model for one of the best players in the world, referring to the attributes and secondary data in the table

## Methods

The methods that have been implemented in the project are linear and K nearest neighbors regressions, Lasso regression and for the verification implementing the confusion matrix

## Data

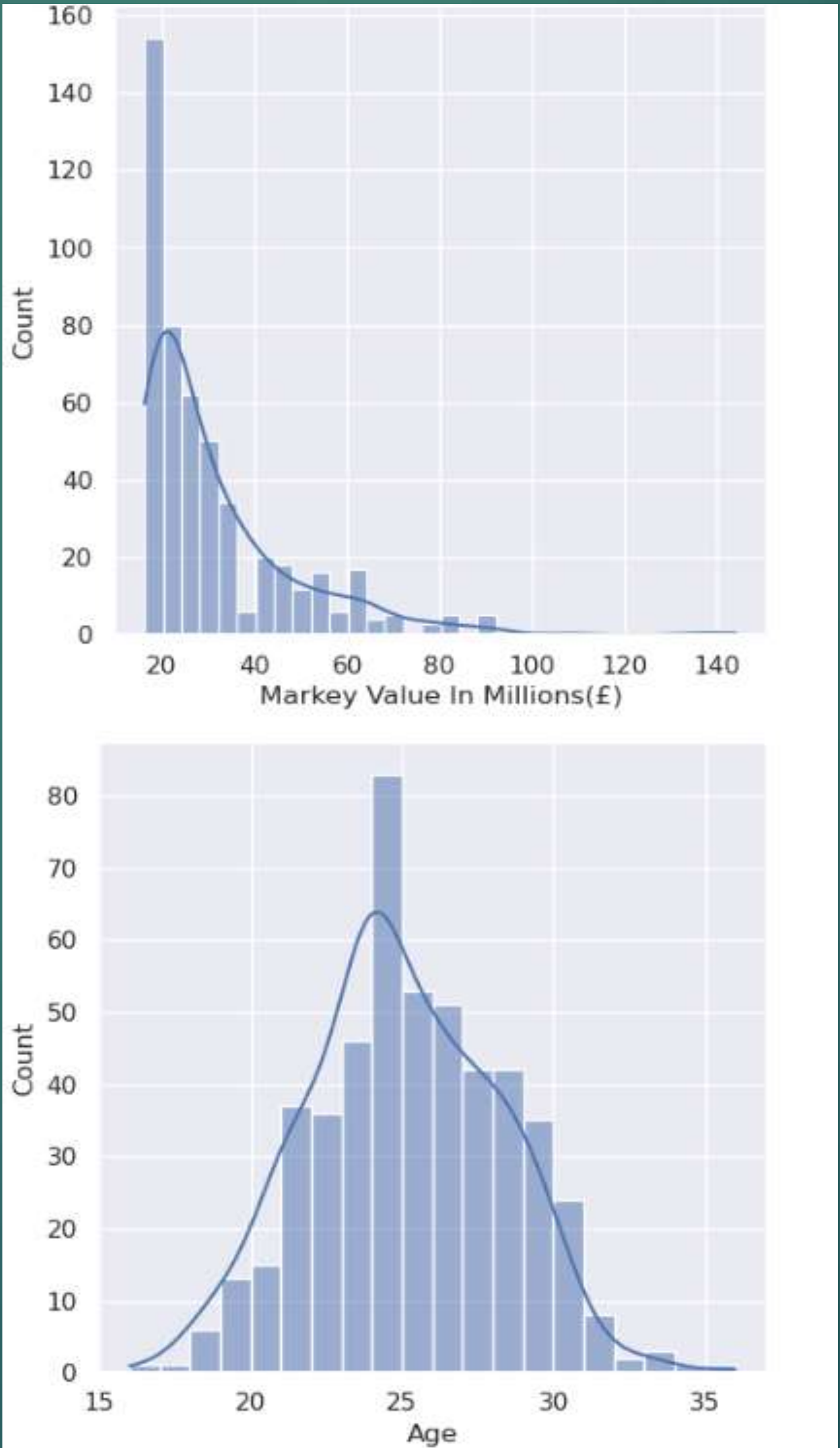
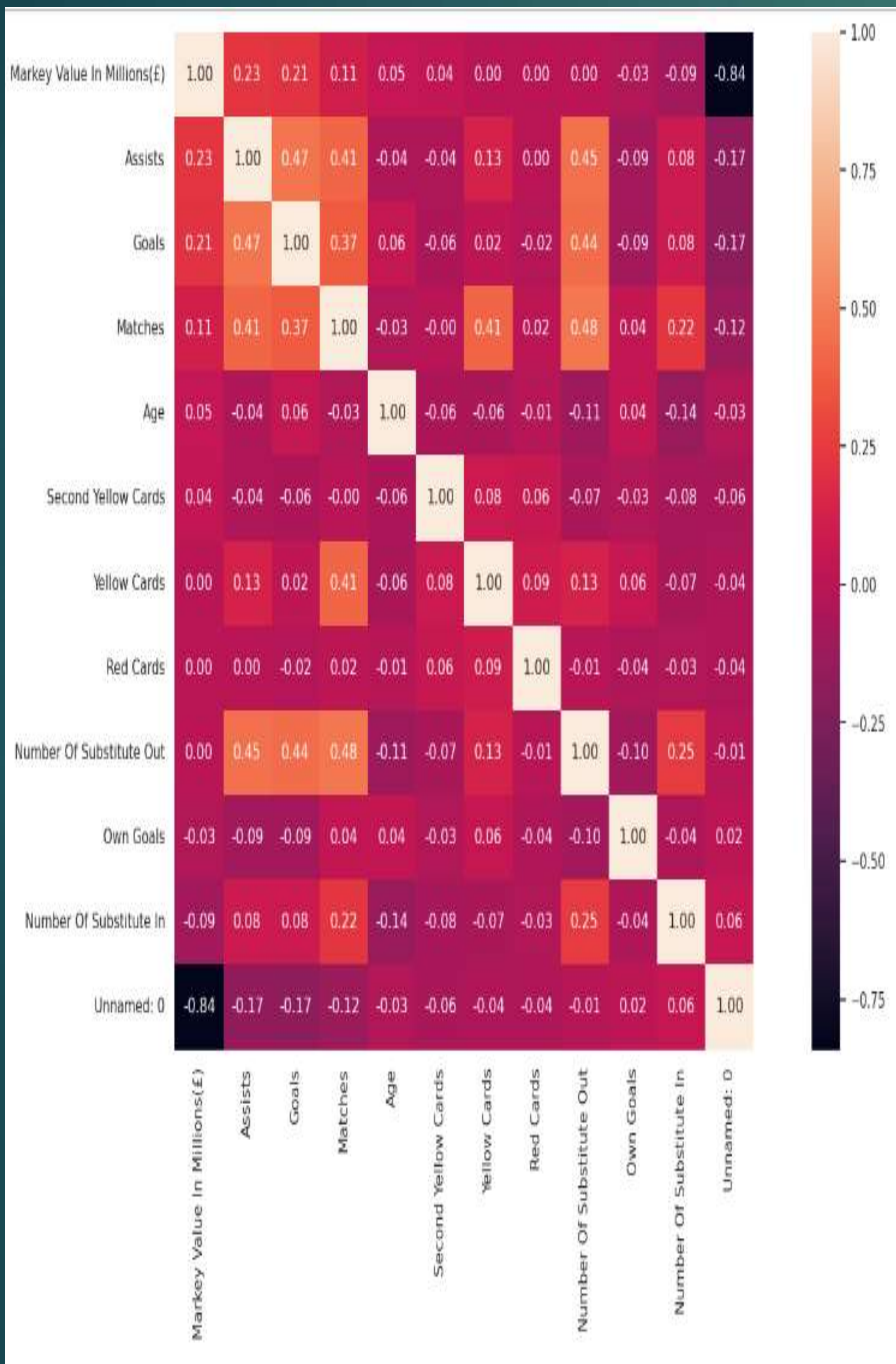
I used a database Most Expensive Footballers 2021 taken from the Kaggle website to predict the highest quality player (relative to his most goals and transfer price)

## Purposes

My main goal was to predict the most valuable player from the table, along the way removing unnecessary features. Also, at the end of the work, charts were made from the market price

## Conclusion

As a result of the work, I found that Lasso regression performed best for predicting the model



*Distribution of players according to their age and market value*

