

# Soccer: Most valued player's attributes

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# Dataset

Used European [Soccer Dataset](https://www.kaggle.com/datasets/leventkoc/soccer-dataset) from [www.kaggle.com](https://www.kaggle.com)

# Motivation

To select players for team its important to know what player's attributes most valued

We can find how player's **overall rating** depends of different attributes

# Research Question(s)

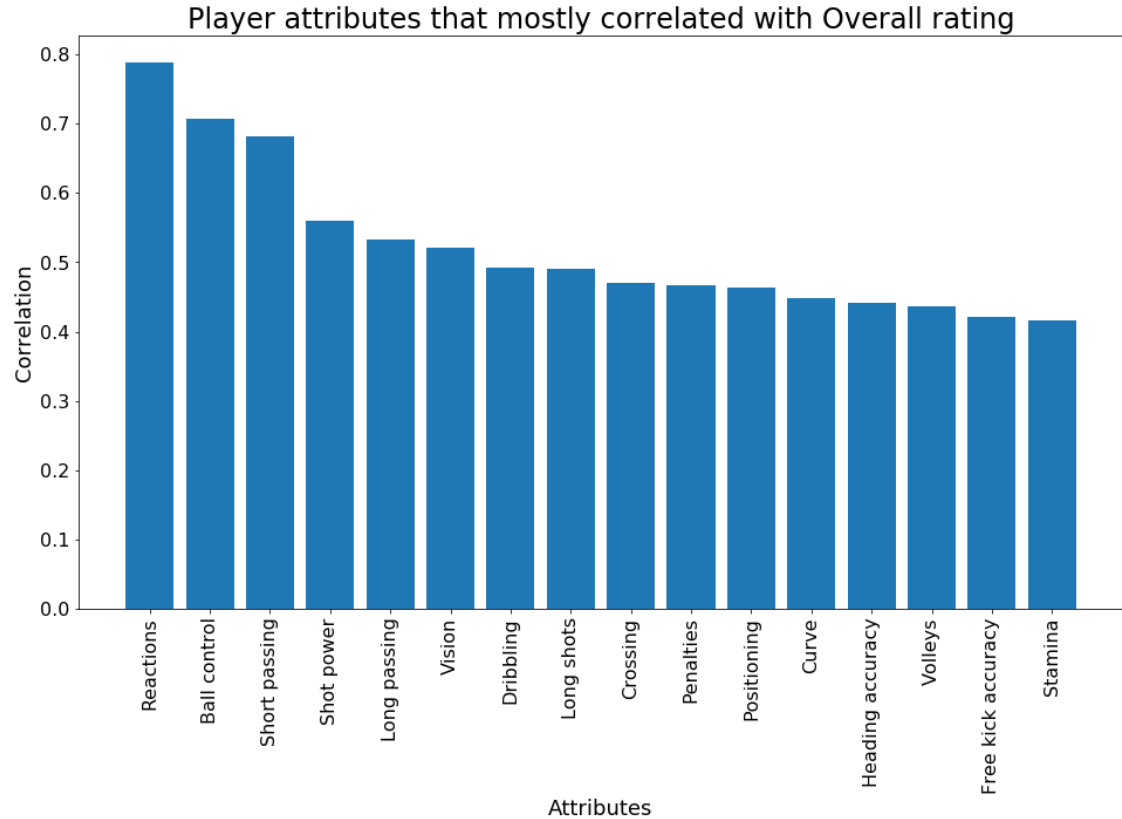
1. How we can separate goalkeepers and other field players attributes?
2. Which player's attributes most highly correlated with overall rating
3. Check is results correct

# Findings

1. We found that check of specific goalkeepers attributes (like `gk_giving`) can help to separate goalkeepers from all other field players

# Findings

2. We found  
valued attributes:



# Findings

Top most valued attributes is:

- Reactions
- Ball control
- Short passing

This knowledge can be used during selection players in new or existing teams

# Acknowledgements

No any feedback got yet



# References

[NumPy is the fundamental package for scientific computing with Python.](#)

[pandas: powerful Python data analysis toolkit](#)

[Matplotlib is a Python 2D plotting library](#)