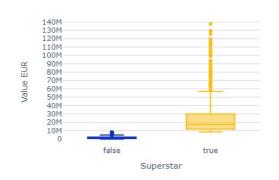
Core factors shaping player market value

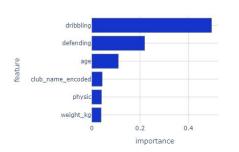


Player value is highly skewed

A few standout players dominate the market.

Most players clustered at lower values and a small group of "superstars" at extremely high values.

Features that contribute to 95% of the importance



Skills drive player's value

Player value is driven more by skills and personal characteristic, than by other factors like position or club.

Club affiliation remains somewhat important.

91% correlation

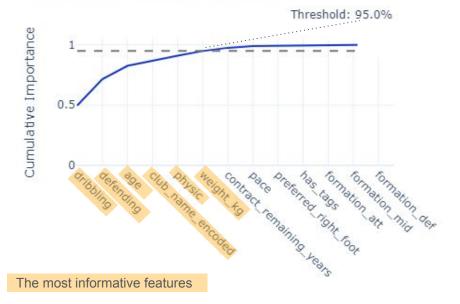
between estimated value and player's "potential"

Complexity of composite metrics

"Potential" and "overall" were excluded from deeper analysis.

Their nature makes it difficult to understand, and they may obscure more granular relationships.

Cumulative Feature Importance



Cumulative feature importance shows how much the most important factors, when combined, contribute to accurate predictions.

Why this method

- Able to discover complex dependencies
- Easy to explain
 - Shows directions of the analysis
- Confidence about features impact
 - Model successfully explains 82% of the factors that determine a player's value
- Suitable for tabular data
- No need of huge resources

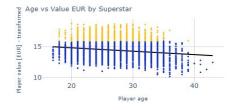
Core factors shaping player market value



Skills Are Key

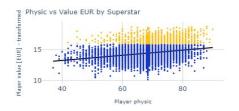
The most important factors driving player value are skill-related, with dribbling and defending being the top contributors.

These two alone account for more than 70% of a player's estimated value.



Age Matters

Age is another crucial factor, with younger players generally valued higher. It accounts for around 11% of the total importance in estimating value



Additional Influences

While skills and age are dominant, physical attributes like weight and physique, as well as the club a player belongs to, also play a role, though their impact is smaller.