

Title	Overview	Missing Data Types	PPT Slide - Dataset Information	Types of Players on FIFA	Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1
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DATASET INFO

74 DIFFERENT VARIABLES

Player Info

Wages, values, names, ages, nationalities, overall and potential ratings, league and country of play, club, and division level

Attributes

Acceleration, agility, ball control, composure, finishing, heading accuracy, passing accuracy, and tackling, among others

Positions

CAM, CB, CDM, CF, CM, LAM, LB, LCB, LCM, LDM, LF, LM, LS, LW, LWB, RAM, RB, RCB, RCM, RDM, RF, RM, RS, RW, RWB, and ST

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MISSING VARIABLES

ELEMENTS TO ADD TO ANALYSIS

Country of Play, League and Division

Revenue Data

Last Season Finish Data (team placement)

Average Fan Attendance

Injury History

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DATA OVERVIEW

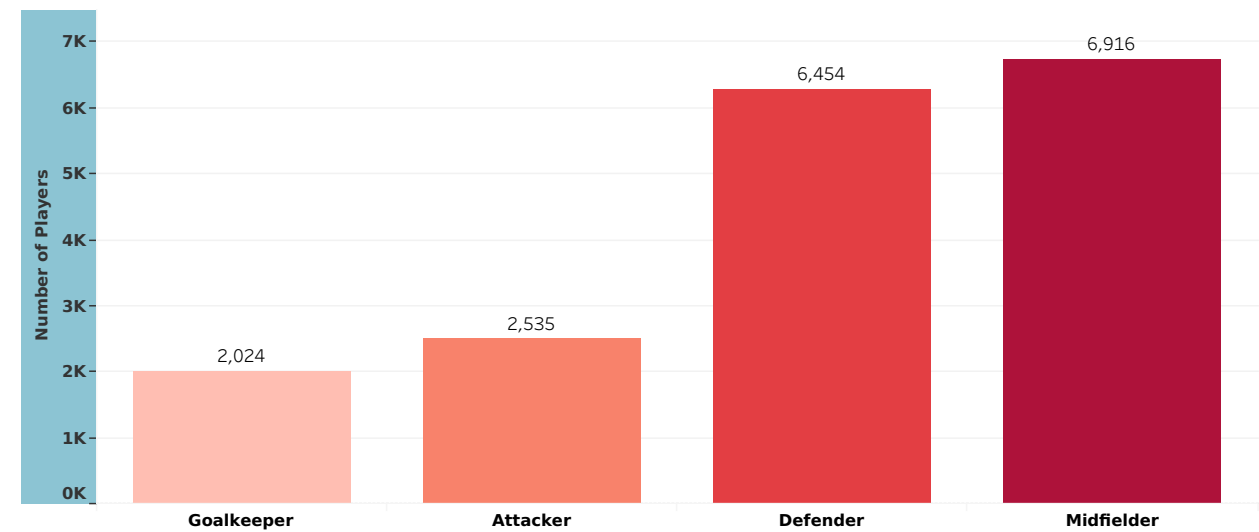
LEARNING MORE ABOUT FIFA 18



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Positional Breakdown in Football Teams: Understanding the Roles of Defenders, Midfielders, and Strikers

Player Positions Across All FIFA 18 Teams



Why Higher Numbers of Midfielders and Defenders?

Analyzing the player breakdown, it's not surprising to see a higher number of defenders and midfielders compared to strikers, as they ha..

Position Types

- Goalkeeper
- Attacker
- Defender
- Midfielder

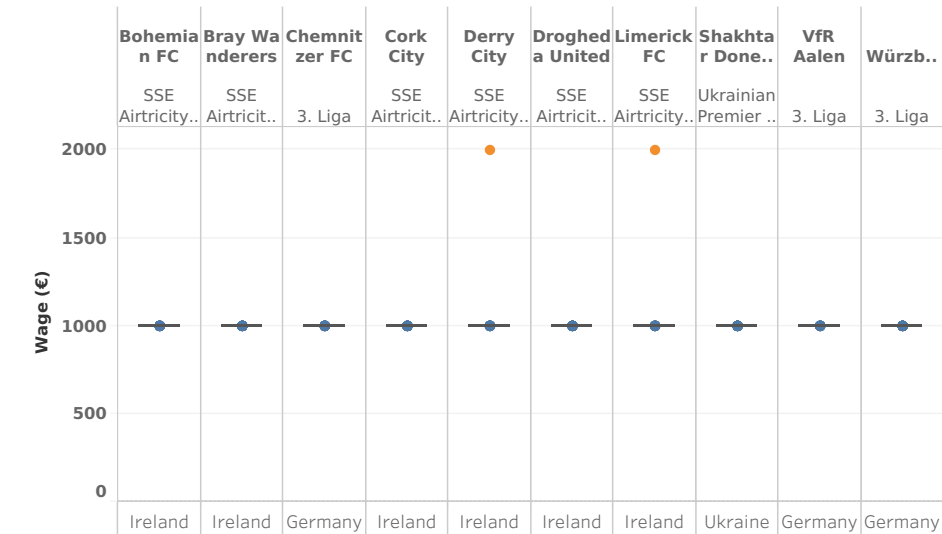
Position Breakdown

CAM	Midfielder
CB	Defender
CDM	Midfielder
CF	Attacker

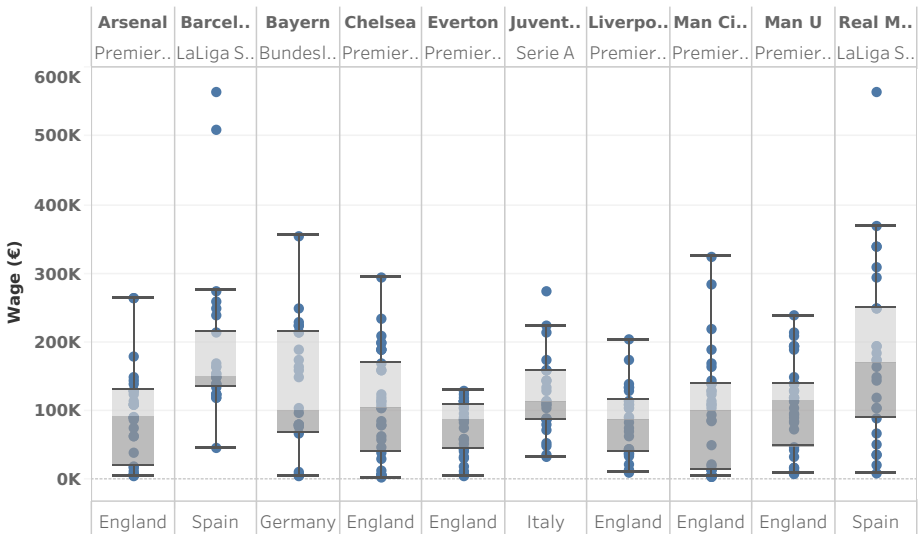
Overview	Missing Data Types	PPT Slide - Dataset Information	Types of Players on FIFA	Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League
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Comparing Wage Budgets: Top and Bottom Flight Football Clubs

Lowest 10 Club Wages (€) per Week



Top 10 Club Wages (€) per Week



Missing Data Types	PPT Slide - Dataset Information	Types of Players on FIFA	Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League	Question 2
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Maximizing Return on Investment: Relationship Between Player Value, Wages..

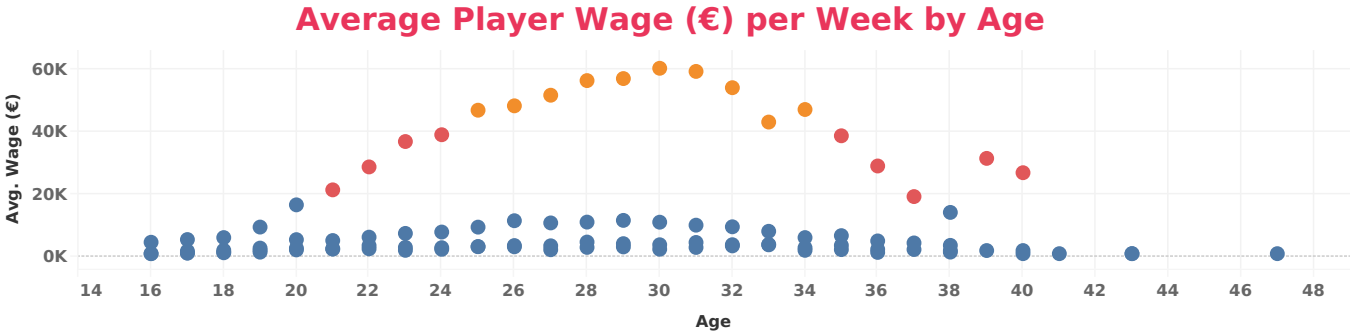
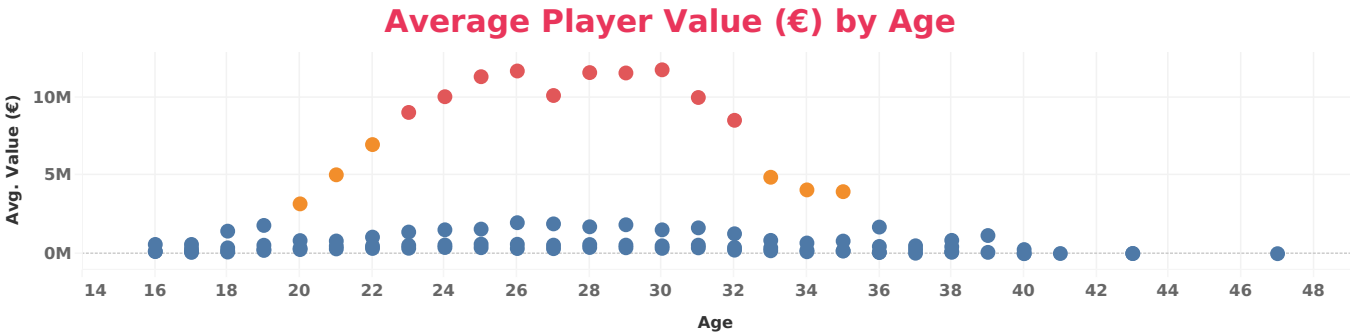
Why Study by Age?

Studying trends in player value and wages by age can help teams make informed decisions about when to invest in younger players versus more experienced ones, ul..

Benefits of Youth vs Experience

Age-related declines in player value and wages may have implications for league competitiveness and parity, as teams with aging rosters may struggle to keep up with younger, more dynamic opponents.

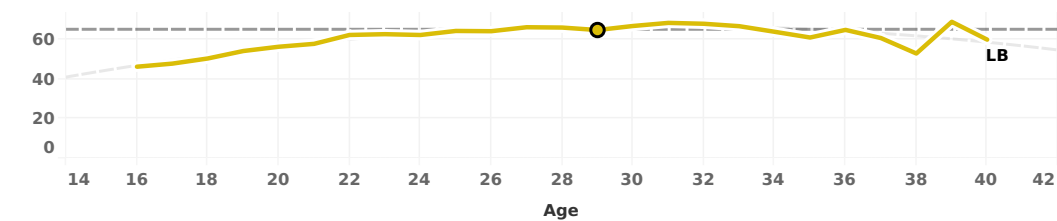
Teams with a mix of experienced and you..



PPT Slide - Dataset Information	Types of Players on FIFA	Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nat..
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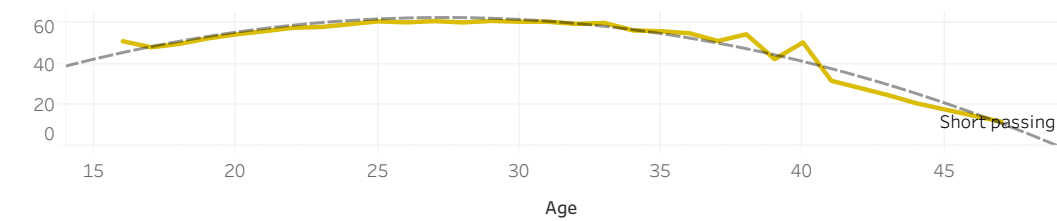
Analyzing Player Performance: Age, Position, and Attributes

Player Performance by Age: Position and Overall Rating



Player Pos.. LB

Player Performance by Age: Average Player Attributes



Player Attr.. Short passing

Age-related Performance Trends and the Goalkeeper Exception

As players age and develop, their performance on the pitch can fluctuate. While players may acquire new skills and refine their existing ones, once they reach their 30s, their overall performance may begin to decline. However, this rule does not apply to goalkeepers, who seem to improve with age and experience.

Key Factors in Player Performance and Recruitment

By analyzing how different positions are impacted by age, teams can make more informed decisions about player recruitment and contract negotiations. This understanding of player performance over time can help teams build more effective and sustainable ro..

Types of Players on FIFA	Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3
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QUESTION ONE

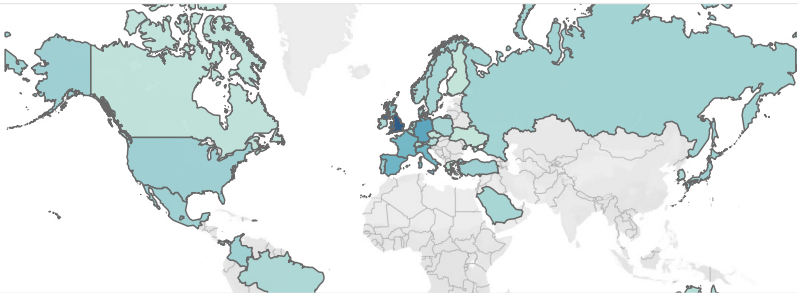
What is the distribution of players across
different leagues and nationalities?

1

Top 10 Club Wages	Average Player Value and Wage by Age	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)
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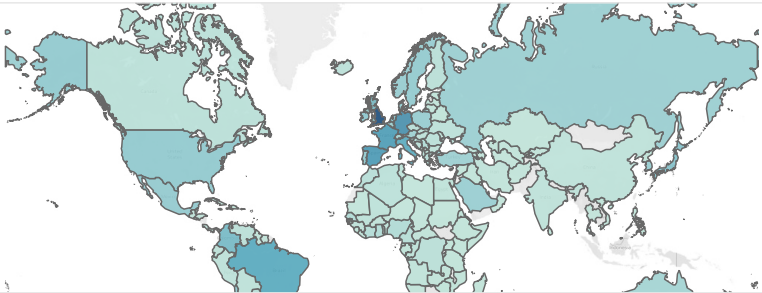
Player Distribution: Across Leagues and Nationalities	
League	
3. Liga	511
A-League	226
ALKA Superliga	356
Allsvenskan	379
Austrian Bundesliga	257
Bundesliga	528
Bundesliga 2	508
Camp. Scotiabank	348
Championship	715
Czech First League	28
EFL League One	647
EFL League Two	614
Ekstraklasa	396
Eliteserien	391

Player Distribution by League



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Distribution of Players by Nationality per League



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Average Player Value and Wage by..	Player Performance and Attributes By Age and Position	Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)
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QUESTION TWO

How do the skills and attributes of football players vary across different nationalities?

2

Player Performance and Attribut..	Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Di..
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Average & Top Player Attributes: Across League and Nationalities

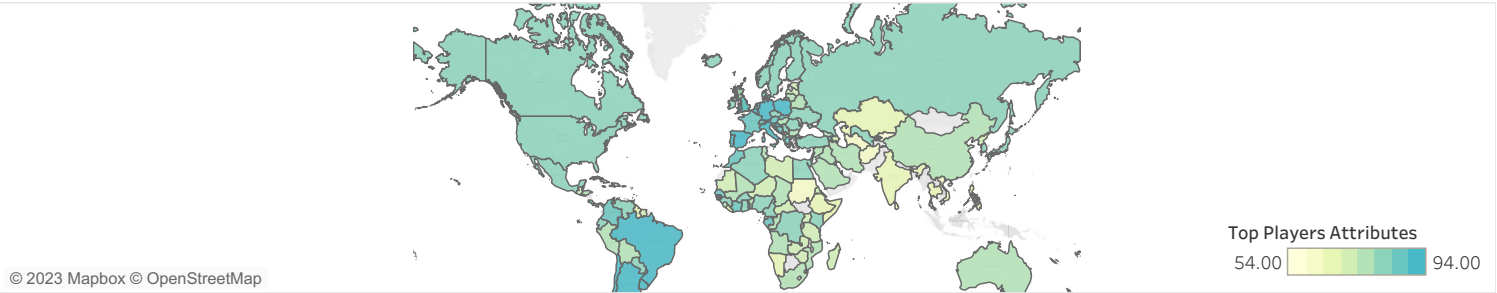
Player Attr.. Overall

League	
Free Agents	247
3. Liga	511
A-League	226
ALKA Superliga	356
Allsvenskan	379
Austrian Bundesliga	257
Bundesliga	528
Bundesliga 2	508
Camp. Scotiabank	348
Championship	715
Czech First League	28
EFL League One	647
EFL League Two	614


Average Player Attributes



Top 10 Players per Attribute



Question 1	Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4
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QUESTION THREE

How does the aggregate player value differ across various football leagues and divisions?

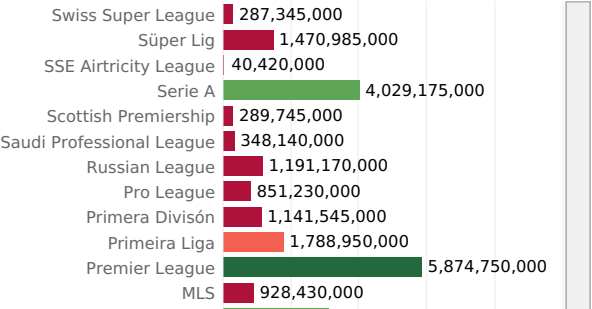
3

Player Distribution by League	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4	Position and Attribute Importance He..
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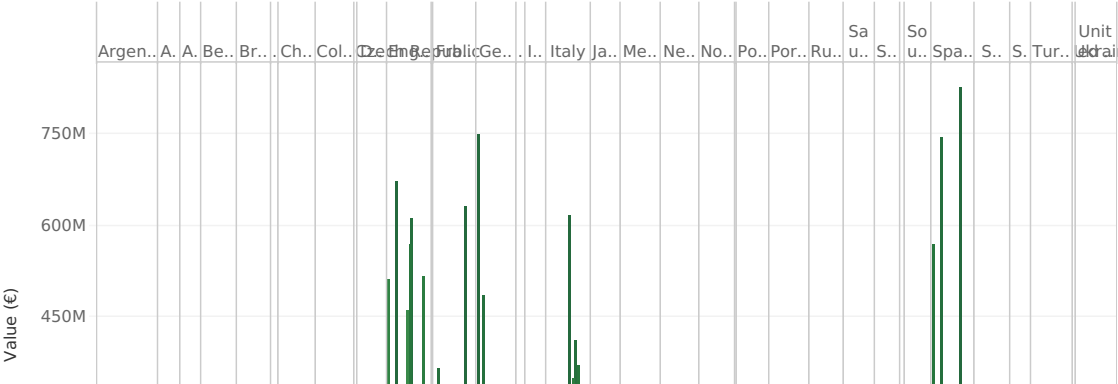
Aggregate Value: Teams from Top-Flight Leagues in FIFA 18

This interactive visual overview provides a customizable way to explore the aggregate player value across top-flight football leagues and teams within the first division of various FIFA 18 countries. The results show that the most expensive teams are unsurprisingly the large European ones that regularly compete in international competitions.

Aggregate Player Value per League (Top Flight)



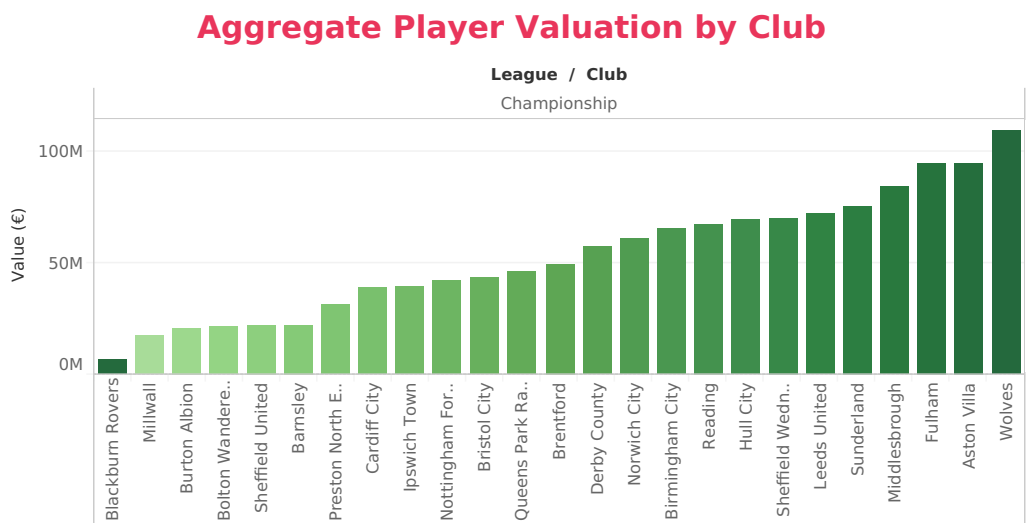
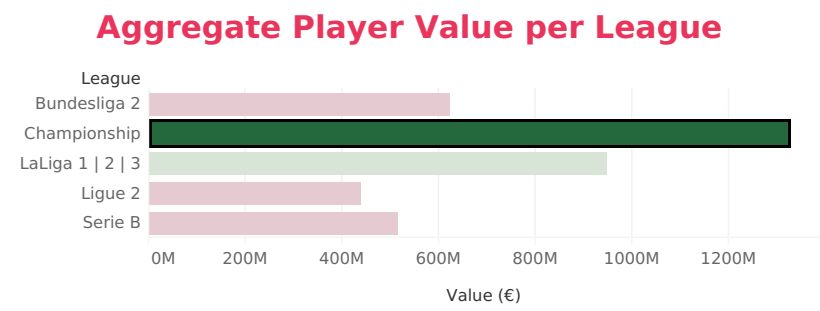
Aggregate Player Valuation by Club



Player Distribution by ..	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4	Position and Attribute Importance Heatmap
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Aggregate Value: Teams from 2nd Division Leagues in FIFA 18

This interactive visual provides a customizable way to explore the aggregate player value across second division football leagues of various FIFA 18 countries. The results show that the most expensive teams across each league are favourites for promotion to the first division.

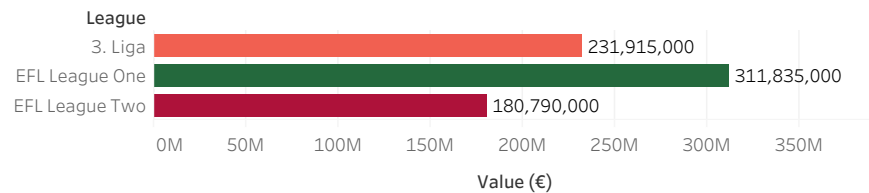


Player Distribution by ..	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4	Position and Attribute Importance Heatmap
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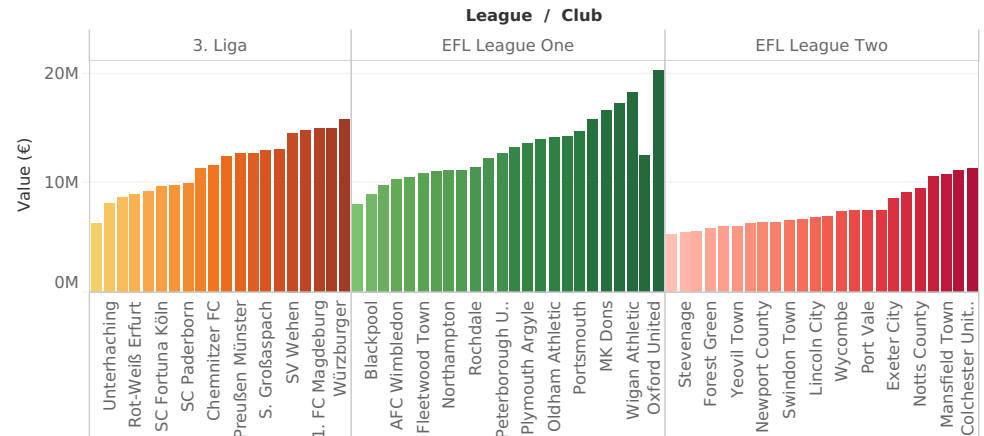
Aggregate Value: Teams from 3rd/4th Division Leagues in FIFA 18

The final interactive visual allows you to customize your exploration of the aggregate player value across FIFA 18's remaining 3rd and 4th division football leagues. Notably, some of the German and English 3rd and 4th division teams have the same aggregate value as some 1st division teams from other leagues, such as Australia and Japan.


Aggregate Player Value by League



Aggregate Player Valuation by Club



Player D istributi on by ..	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4	Position and Attribute Importance Heatmap
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QUESTION FOUR

How do the different attributes contribute to the overall rating of each player?

4

Player Distribution by ..	Question 2	Average Player Attributes, Grouped by Nationality and L..	Question 3	Aggregate Player Value (Top Flight)	Aggregate Player Value (Second Division)	Aggregate Player Value (Third/Fourth Division)	Question 4	Position and Attribute Importance Heatmap
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