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English Premier League Players Analysis, 2017-2018

What is the dataset about…

The data is about market values, page views, age, position, nationality, club, and Fantasy Premier League stats of 461 players of the 2017/18 English Premier League. The FPL stats is the FPL points, the value, etc of every player who played for the 2017/18 league.

Story the poster will say…

For most football fans, May - July represents a lull period due to the lack of club football. What makes up for it, is the intense transfer speculation that surrounds all major player transfers today. Their market valuations also lead to a few raised eyebrows. I am curious to see how good proxy popularity could be for ability, and the predictive power it would have in a poster estimating a player's market value and compared it with the current market value they possess. Thereby a poster describing an ideal team of 11 players who performed best at their respective position with an optimal market value they should hold, the major transfers the top clubs need to perform to achieve the optimal team and various background checks about the players and the clubs.

Who would care about the poster…

The English Premier League clubs, the agents, soccer fans and all the people who play Fantasy Premier League are the targeted audiences. This audience will be able to understand the market price a player deserves for the future transfers and also to determine which club is heading towards being an ideal English club for the future seasons.

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Question…

1) Who are the most valuable players in the EPL? (figure 1)

2) Who are the most popular players? (figure 2)

3) Which country has the most number of players (Top 8)? (figure 3)

4) How does the distribution of market value look different for the Top 6 clubs? (figure 4)

5) How does the distribution of popularity look different for the Top 6 clubs?(figure 5)

6) Do the market value and the FPL value of a player have a relation? (figure 6)

7) How does the age of a player affect the market value/fpl value? (figure 7)

8) What is the difference in total market value based on the positions is possessed by the Top 6 clubs? (figure 8)

Sketch

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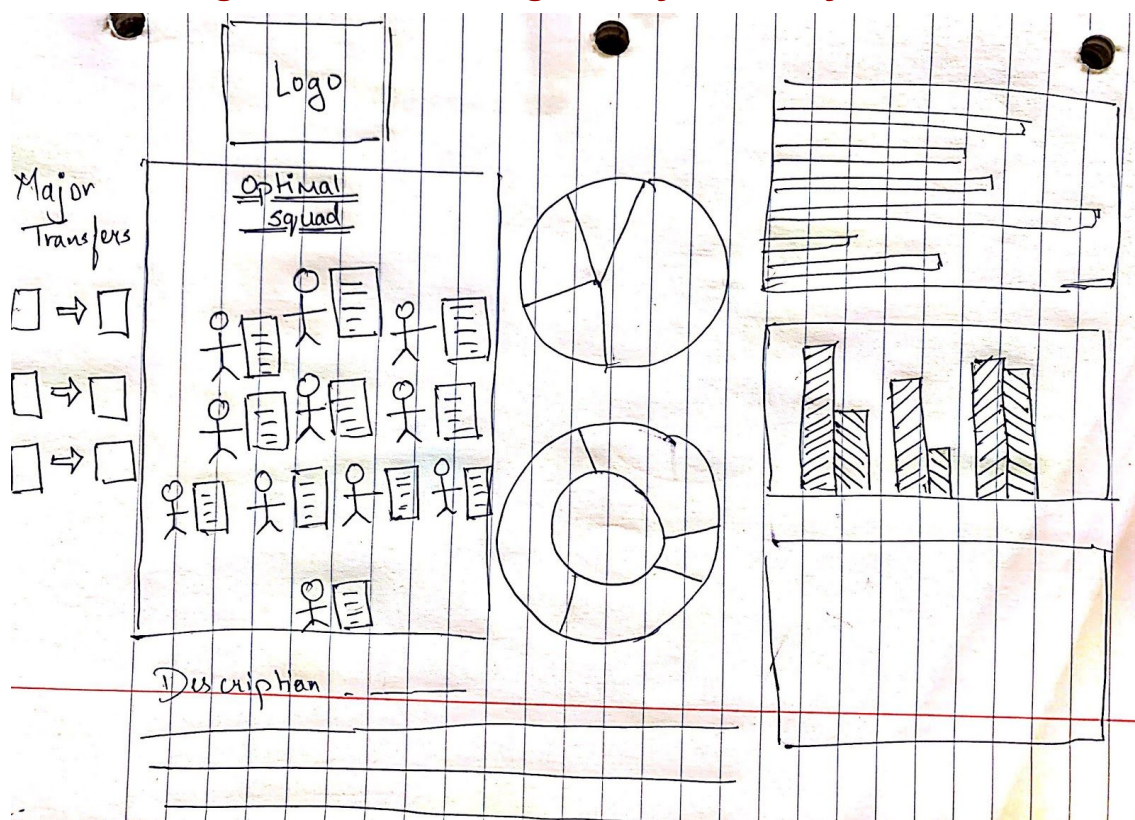
Figure 1 :

	name	club	age	position	position_cat	market_value	page_views	fpl_value	fpl_sel	fpl_points	region	nationality
1	Eden Hazard	Chelsea	26	LW	1	75	4220	10.5	2.30%	224	2	Belgium
2	Paul Pogba	Manchester+United	24	CM	2	75	7435	8.0	19.50%	115	2	France
3	Alexis Sanchez	Arsenal	28	LW	1	65	4329	12.0	17.10%	264	3	Chile
4	Kevin De Bruyne	Manchester+City	26	AM	1	65	2252	10.0	17.50%	199	2	Belgium
5	Sergio Aguero	Manchester+City	29	CF	1	65	4046	11.5	9.70%	175	3	Argentina
6	Harry Kane	Tottenham	23	CF	1	60	4161	12.5	35.10%	224	1	England

Figure 2 :

English Premier League Players Analysis, 2017-2018

	name	club	age	position	position_cat	market_value	page_views	fpl_value	fpl_sel	fpl_points	region	nationality	
1	Wayne Rooney	Everton	31	SS	1	15	7664	7.5	20.90%	76	1	England	
2	Paul Pogba	Manchester+United	24	CM	2	75	7435	8.0	19.50%	115	2	France	
3	Dele Alli	Tottenham	21	CM	2	45	4626	9.5	38.60%	225	1	England	
4	Diego Costa	Chelsea	28	CF	1	50	4454	10.0	3.00%	196	2	Spain	
5	Mesut Ozil	Arsenal	28	AM	1	50	4395	9.5	5.60%	167	2	Germany	
6	Alexis Sanchez	Arsenal	28	LW	1	65	4329	12.0	17.10%	264	3	Chile	

Figure 3 :

COUNT OF NATIONALITY   BY NATIONALITY
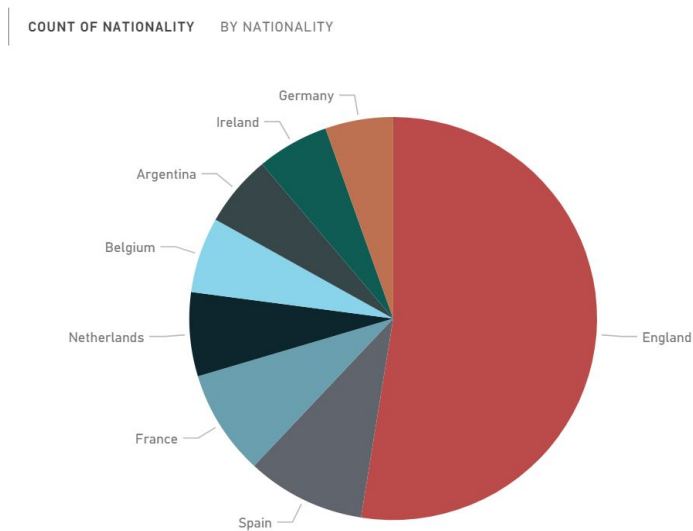

Figure 4 :

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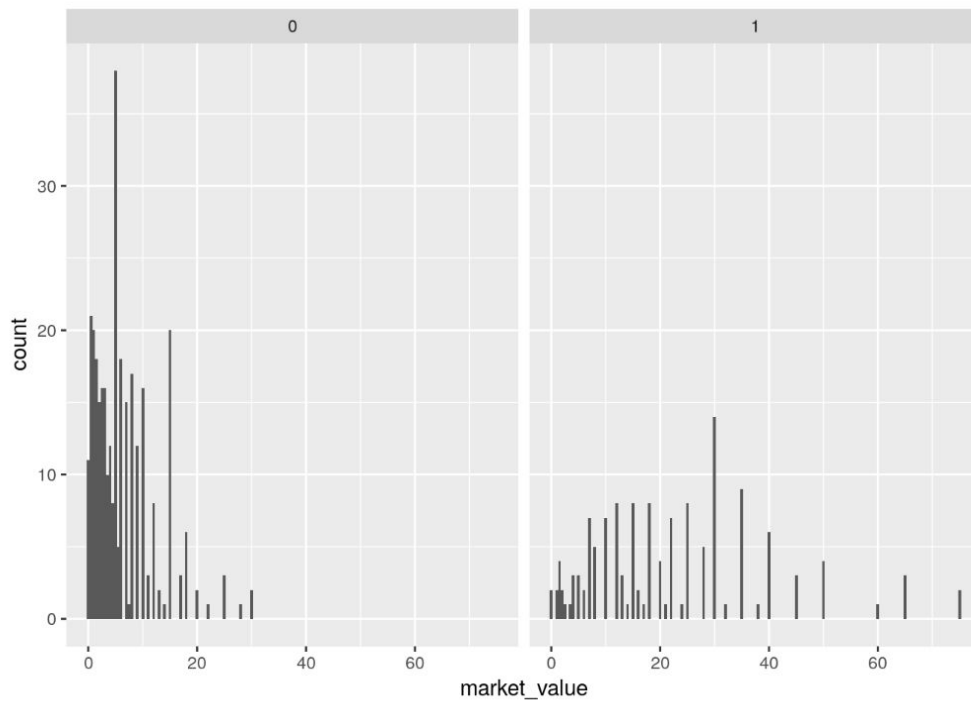IST 719

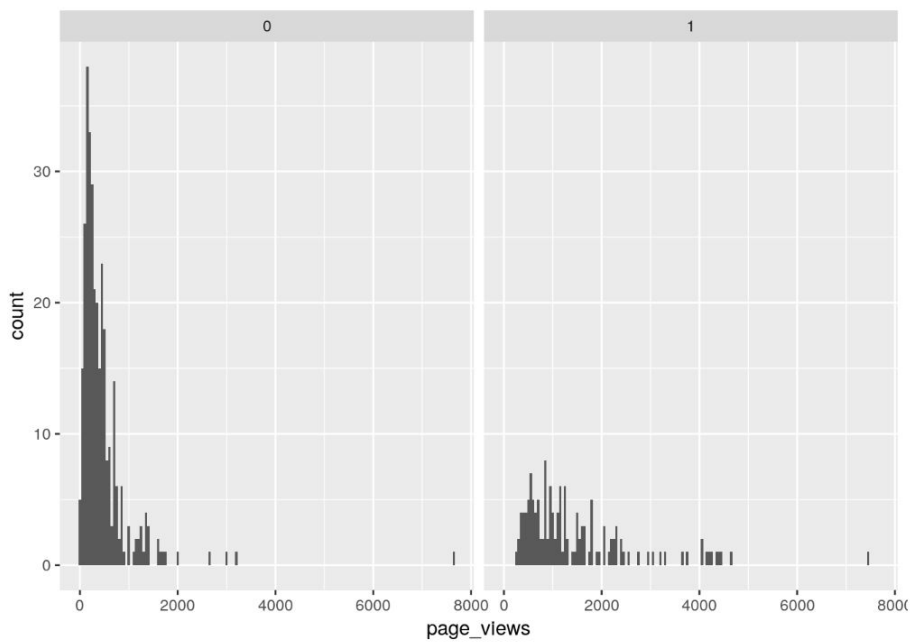# English Premier League Players Analysis, 2017-2018

Figure 5 :

Figure 6 :

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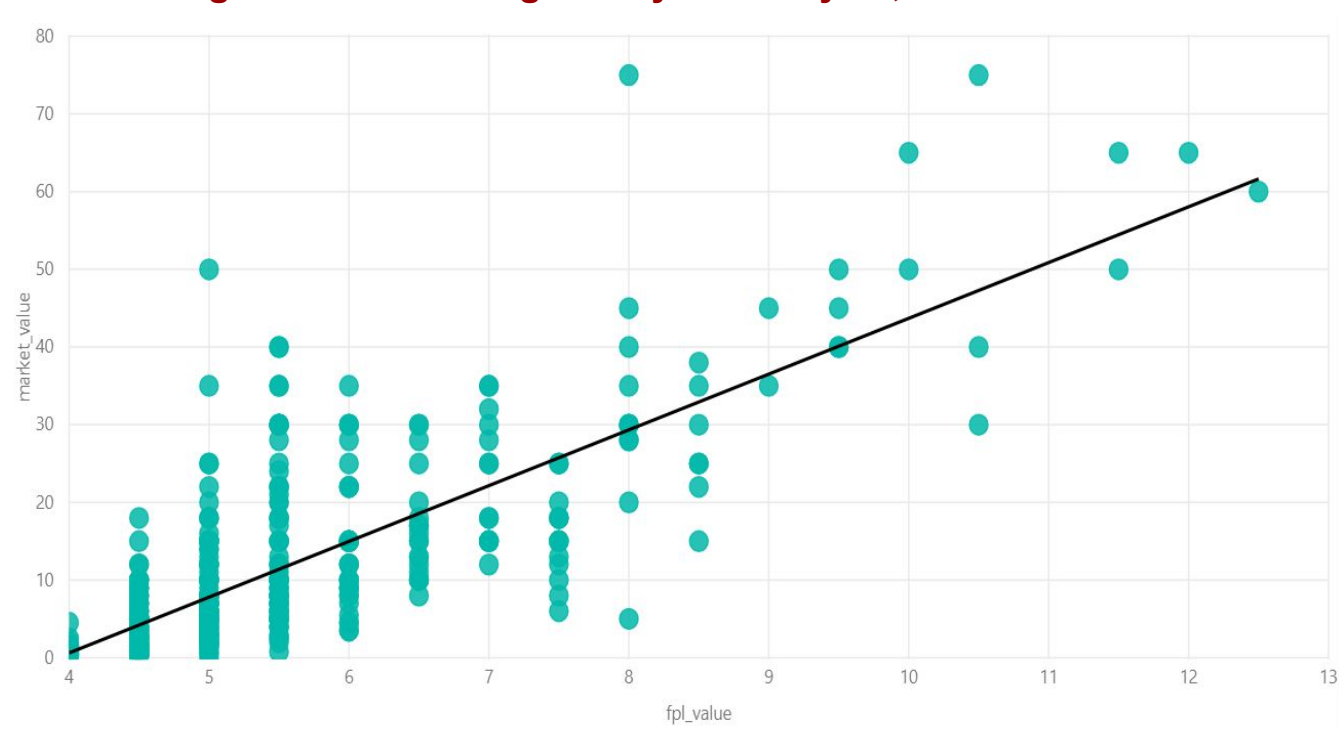IST 719

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Figure 7 :

Figure 8 :

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