Football part 1

Ahmed Ayman

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Agenda

- The question
- 2 The accepted answer
- Improve: compare best
- Improve: Non parametric
- The power of business understanding
- Answers evaluation
- Manger reaction

The question



Ahmed Ayman • You

Data man 2mo • 🚱

لو افترضنا ان الزمالك خد الدوري

وانا عندی سؤال

- هل الزمالك خد الدوري عشان الزمالك حلو؟

- ولا خد الدوري عشان الاهلي وحش؟

ازای اقدر اجاوب ع السؤال ده بالData science؟

یاریت محدش یدخلنی فی نقاشات کرویه او تعصب کروی انا حابب اشوف الافکار من وجهة نظر احصائیه 😄

The accepted answer

- compare Zamalek result with old years results
- compare Ahly result with old years results



THINK

The accepted answer

- compare Zamalek result with old years results
- compare Ahly result with old years results





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The accepted answer

- compare Zamalek result with old years results
- compare Ahly result with old years results



THINK











compare best

I get the data from the archive

٦.	р%		play	Т	р	season
7	75%	\top	34	†	77	2022
1	78%	-	34	1	80	2021
1	87%	-	34	1	89	2020
	78%	-	34		80	2019
	86%	-	34		88	2018
1	82%	-	34		84	2017
1	76%	-	34	1	76	2016
1	76%	-	38		87	2015
1	68%	-	30		61	2011
	72%	-	30		65	2010
	70%	-	30		63	2009
	78%	-	30		70	2008
	81%		30		73	2007
	92%		26		72	2006
1	95%	- 1	26	1	74	2005

compare best

I get the data from the archive

season	р	play	р%
2022	77	34	75%
2021	80	34	78%
2020	89	34	87%
2019	80	34	78%
2018	88	34	86%
2017	84	34	82%
2016	76	34	76%
2015	87	38	76%
2011	61	30	68%
2010	65	30	72%
2009	63	30	70%
2008	70	30	78%
2007	73	30	81%
2006	72	26	92%
2005	74	26	95%

count	13
min	70%
mean	81%
median	84%
max	95%

I'll split into 3 clusters

Bad	(70 - 78.3)
Acceptable	(78.3 - 86.6)
Good	(86.6 - 94.9)

compare best

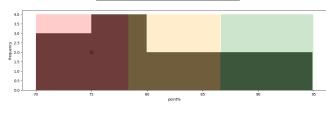
I get the data from the archive

season	р	play	$\overline{}$	р%	\neg
2022	77	34	$^{+}$	75%	┪
2021	80	34	1	78%	1
2020	89	34	1	87%	I
2019	80	34	1	78%	I
2018	88	34	1	86%	1
2017	84	34	1	82%	1
2016	76	34	1	76%	I
2015	87	38	1	76%	I
2011	61	30	1	68%	1
2010	65	30	1	72%	1
2009	63	30	1	70%	1
2008	70	30	1	78%	1
2007	73	30	1	81%	1
2006	72	26	-	92%	1
2005	74	26		95%	┙



I'll split into 3 clusters

Bad (70 - 78.3) Acceptable (78.3 - 86.6) Good (86.6 - 94.9)



- Zamalek, not above expectation (under average)
- The main reason for wining, because Ahly was pathetic

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