

footure  
academy

ESPECIALIZAÇÃO

CIÊNCIA NOVO  
DE DADOS

NO FUTEBOL

# Aula 14 - Softwares e linguagens

Caio Batatinha

## AGENDA

- Motivação
- Tipos de softwares
- Demonstração

## **OBJETIVOS DE APRENDIZAGEM**

- As necessidades das ferramentas no futebol
- A estrutura de uma das ferramentas

## MOTIVAÇÃO

Tecnologia e ferramentas se tornaram indispensáveis na dinâmica de trabalho. O analista no futebol não está alheio a esse tipo de tecnologia e necessita aprender algumas para aumentar a eficiência dos projetos e tarefas que esteja envolvido.

Existem ferramentas que não são especificamente do futebol, mas auxiliam nas tarefas como o pacote office: Word, Powerpoint e Excel.

Existem outros mais específicos para o futebol e cada uma das soluções exploradas busca atender demandas de áreas específicas

## TIPOS DE SOFTWARES

### EDIÇÃO DE VÍDEO

- Klip Draw
- Metrica Sports
- Coach Paint

### DADOS FÍSICOS

- Catapult
- Skillcorner

### GESTÃO DE PROJETOS

- Footlink
- Transferoom

### DADOS + DESEMPENHO

- Statsbomb
- Opta
- Impect
- Wyscout
- Twenty3 Toolbox

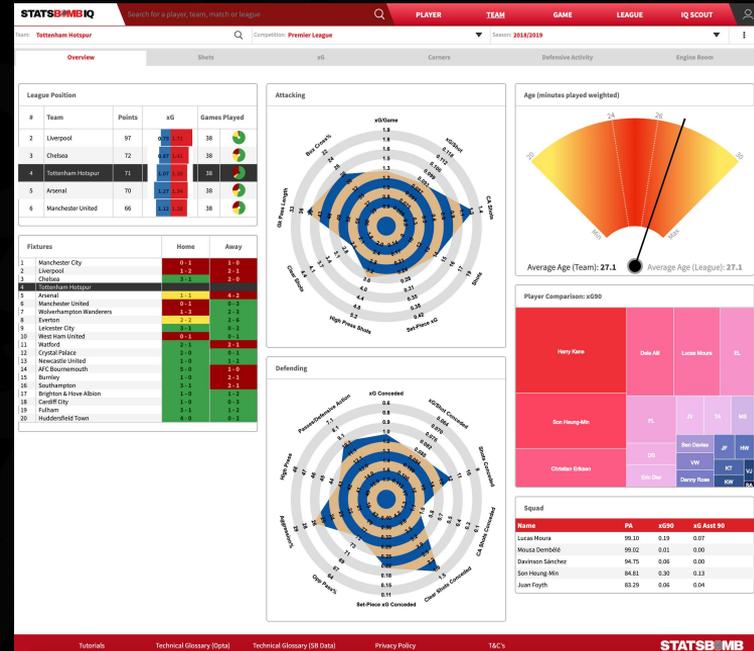
# PLATAFORMAS DE DADOS

Plataformas dedicadas a auxiliar clubes e profissionais principalmente na parte de análise de desempenho e fornecer vários dados e visualizações para embasar as decisões.

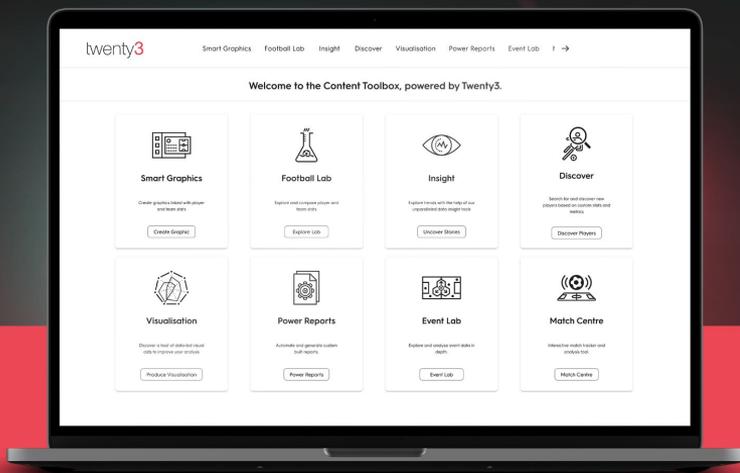
Exemplos:

- Statsbomb
- Opta Provision
- Impect
- Twenty3 Analytics Toolbox

# SOFTWARES E LINGUAGENS



# TWENTY3 ANALYTICS TOOLBOX



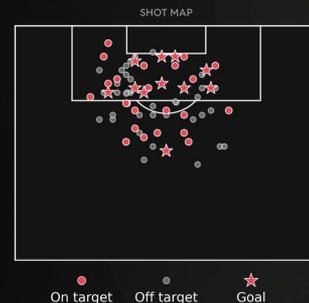
# SOFTWARES E LINGUAGENS

## FLORIAN WIRTZ



BUNDESLIGA 2023/24

	TOTAL	RANK
Goals scored	11	15th
Assists	7	10th
Attacking duels attempted	413	1st
Through passes attempted	57	2nd
Touches in opposition box	145	3rd



SHOT PLACEMENT AREAS

0/0	2/6	0/0
1/2	0/3	1/4
4/7	2/10	1/2

Goals / Shots  
●●●● % of shots in zone

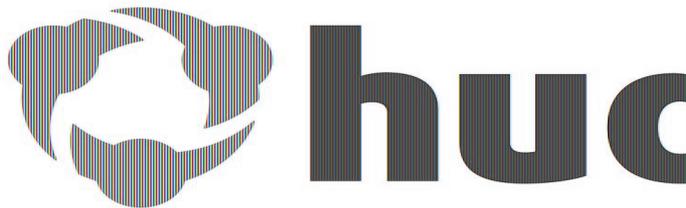
twenty3

## HUDL: POWERHOUSE

A HUDL é uma empresa que hoje domina o mercado do futebol em termos de software. A partir da aquisição de outras empresas como Statstbomb, Wyscout, Instat, Sportscode, a plataforma oferece diversos produtos em um só hub.

Exemplos:

- Sportscode : Edição de vídeo
- Wyscout: Vídeo + Dados



# DEMONSTRAÇÃO

## 0

## **WYSCOUT**

Ferramenta que combina pacotes para analistas e jornalistas explorarem sobre várias ligas no mundo profissional e de base. A plataforma oferece vídeos detalhados de lances de jogos completos e times e também dados, visualizações e relatórios completos de jogadores, partidas e competições.

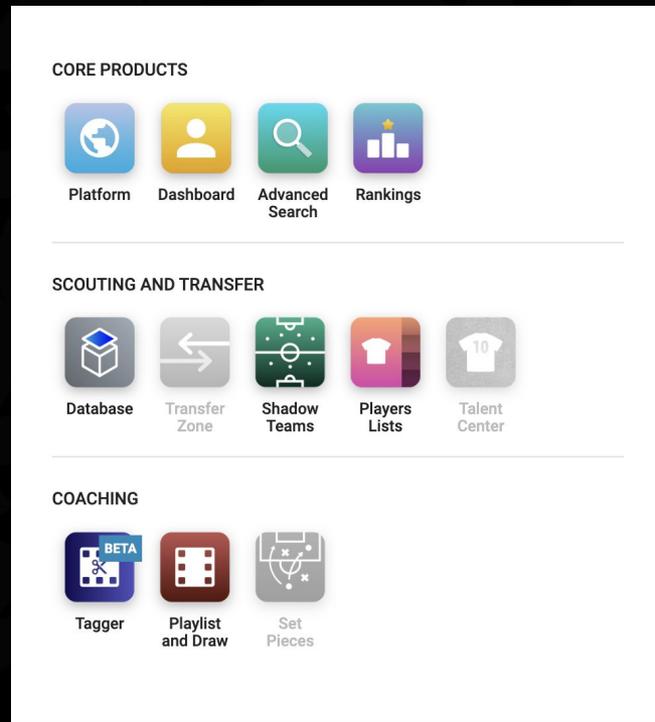
The image shows the Wyscout logo, which consists of the word "wyscout" in a bold, lowercase, sans-serif font. The logo is centered horizontally and vertically within a white rectangular area.

## PRODUTOS

Essas são as diferentes soluções oferecidas.  
Core Products:

- Platform: Página inicial que permite explorar livremente através de ligas, países, competições e páginas de jogadores.
- Dashboard: Área para projetos individuais. Salvar jogadores, tabelas, vídeos a serem estudados.
- Advanced Search: Área para fazer filtro avançado de jogadores baseados em métricas selecionadas.
- Rankings: Seção destinada a ranqueamento de jogadores e times nas métricas do Wyscout

## SOFTWARES E LINGUAGENS



PÁGINA INICIAL

The screenshot shows the Wyscout website interface. At the top, there is a search bar with the text "Enter a Player or a Team". To the right of the search bar are several navigation icons, including a user profile icon, a star, a calendar, a home icon, and a "CL" icon. The user's name "Caio Couto" and "Caio Couto Batainha Scout Group" are displayed in the top right corner. Below the search bar, there is a "Platform" section with tabs for "Main countries", "Other countries", "International Competitions", and "Players' Agencies". The "Main countries" tab is selected. To the right of the tabs, there is a "Men" icon. The main content area is titled "MAIN COUNTRIES" and displays a grid of 48 national flags, each with its corresponding country name below it. The countries listed are: Albania, Algeria, Andorra, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Bangladesh, Belgium, Bolivia, Bosnia and Herzegovina, Brazil, Bulgaria, Cambodia, Canada, Chile, China PR, Chinese Taipei, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, England, Estonia, Faroe Islands, Finland, France, Georgia, Germany, Ghana, Greece, Guatemala, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, and Korea Republic. A circular icon with a speech bubble is located in the bottom right corner of the main content area.

# SEÇÃO DE SELEÇÃO DE COMPETIÇÕES

<  BRAZIL

Overview Referees

### NATIONAL TEAMS

- ADH Brasil
- Brazil
- Brazil U23
- Brazil Beach Soccer
- Brazil U15
- Brazil U16
- Brazil U17
- Brazil U18
- Brazil U19
- Brazil U20

### NATIONAL COMPETITIONS

Search:

-  Série A
-  Série B
-  Série C
-  Copa do Brasil
-  Supercopa do Brasil
-  Paulista A1
-  Paulista A2
-  Paulista A3
-  Paulista U23 - 2nd Division
-  Copa Paulista
-  Paulista U20
-  Carioca 1
-  Copa Rio
-  Copa do Nordeste
-  Gaúcho 1
-  Recopa Gaúcha
-  Mineiro 1
-  Baiano 1



# SEÇÃO DE RELATÓRIOS

< SERIE A 2024
★ 🔔

Overview
Full matches
Scheduler
Tables
Goals
Wyscout report
Referees

### SEASON REPORT

[Current Season Report](#)  
Serie A - 2024

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### MATCH DAY REPORT

- [38 Day - 10 matches](#)  
2024 Regular Season
- [37 Day - 10 matches](#)  
2024 Regular Season
- [36 Day - 10 matches](#)  
2024 Regular Season
- [35 Day - 10 matches](#)

Wyscout Report ...
5 / 19
- 87% +
📄 🔄

**wyscout**

SEASON REPORT  
TEAMS: TRENDS

**Brazil. Serie A**  
2024

### Formations

São Paulo	4-2-3-1 69%	4-4-2 7.4%	3-5-2 5.3%	Atlético Mineiro	3-4-3 25.2%	3-5-2 18.2%	3-4-1-2 13.9%
Cruzeiro	4-3-3 54.9%	4-2-3-1 16.3%	4-4-2 10.6%	Flamengo	4-2-3-1 58.7%	4-4-2 26.9%	3-4-3 5.2%
Criciúma	4-4-2 27.5%	4-2-3-1 18.6%	4-3-3 18.3%	Corinthians	4-2-3-1 27.3%	4-3-1-2 20.8%	3-4-1-2 10.5%



## SEÇÃO DE STATS DO TIME

← **BOTAFOGO FR**
▼ Academy Serie A 2024
★ 🔔 📄

Overview Full matches Career Events **Stats** Wyscout report My playlists My clips list

All competitions Last calendar year 📊 Formations ⚙️ Filters
DISPLAY: Passing Show opponents 📄 Export to Excel

Match	Duration	Team	Scheme	Passes / accurate	Forward passes / accurate	Back passes / accurate	Lateral passes / accurate	Long passes / accurate	Passes to final third / accurate	Progressive passes / accurate	Smart passes / accurate	Throw ins / accurate	Goal kicks
AVERAGE	-	BOTAFOGO	-	419.29 85.2%	141.15 77.4%	58.84 93.9%	161.48 89.9%	42.28 59.6%	55.24 75.1%	72.15 76.8%	2.56 43.4%	18.87 90.6%	7.99
		OPPONENTS	-	378.36 83.6%	130.17 74.2%	52.97 94.1%	137.73 89.2%	43.15 58.2%	47.37 72.9%	65.49 72.1%	1.59 50.9%	19.48 89.7%	9.01
Botafogo 0:3 Pachuca <small>World. FIFA Intercontinental Cup, 11.12.2024</small>	103'	Botafogo	4-2-3-1 75%	552/476 86.23%	168/137 81.55%	81/74 91.36%	184/162 88.04%	43/27 62.79%	68/59 86.76%	82/68 82.93%	0	22/21 95.45%	7
		Pachuca	4-4-2 100%	296/231 78.04%	126/90 71.43%	41/39 95.12%	76/64 84.21%	58/33 56.9%	46/31 67.39%	70/46 65.71%	0	14/12 85.71%	10
Botafogo 2:1 São Paulo <small>Brazil. Serie A, 08.12.2024</small>	95'	Botafogo	4-4-1-1 73%	509/468 91.94%	154/128 83.12%	82/81 98.78%	187/180 96.26%	23/14 60.87%	60/52 86.67%	56/48 85.71%	3/1 33.33%	11/9 81.82%	2
		São Paulo	4-4-2 100%	588/541 92.01%	165/142 86.06%	117/111 94.87%	230/222 96.52%	38/28 73.68%	18/12 66.67%	53/25 47.17%	0	9/9 100%	11
Internacional 0:1 Botafogo <small>Brazil. Serie A, 05.12.2024</small>	100'	Botafogo	4-2-3-1 100%	254/193 75.98%	107/67 62.62%	48/42 87.5%	68/59 86.76%	49/24 48.98%	29/13 44.83%	53/25 47.17%	0	14/13 92.86%	11
		Internacional	4-4-2 100%	514/427 83.07%	170/131 77.06%	82/73 89.02%	187/164 87.7%	42/23 54.76%	66/50 75.76%	81/69 85.19%	1/0 0%	32/31 96.88%	

# PÁGINA DO JOGADOR

<

A. BARBOZA ('95)
Botafogo

Add to list

Overview
Full matches
Events
Stats
Career
Transfer
Wyscout report
My playlists
My clips list

### GENERAL INFO

**Last name** Barboza Ullúa

**First name** Alexander Nahuel

**Birth date** 16/03/1995 ( 29 y.o. )

**Birth country** Argentina

**Passport country** Uruguay

**Height**  
193cm / 6'4"

**Weight**  
83kg / 182lbs

**Contract expires** 31/12/2026

**Player's agent** OLLER GROUP

**Currently playing for** Botafogo

### PLAYER STATS

<b>Foot</b>	Left
<b>Matches played</b>	26
<b>Min. per match</b>	78.4
<b>Goals scored</b>	0
<b>Goals per match</b>	0
<b>Yellow cards</b>	10
<b>Red cards</b>	2

### VIDEOS

Automatic video report

Best actions

Goals

Assists

Passes

Long-range passes

Shots

Head Shots

Custom video report

### CURRENTLY ACTIVE COMPETITIONS

No record found

### PREVIOUS MATCHES

11/12/2024	Botafogo - Pachuca	FIFA Intercontinental Cup	0 - 3	LCB	90'	-	-	-
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**PÁGINA DO JOGADOR**

< **A. BARBOZA ('95)** Botafogo

Overview Full matches Events **Stats** Career Transfer Wyscout report My playlists My clips list

Add to list

All competitions All seasons Position Filters DISPLAY: General Export to Excel

Match	Position	Minutes played	Total actions / successful	Goals	Assists	Shots / on target	xG	Passes / accurate	Long passes / accurate	Crosses / accurate	Dribbles / successful	Duels / won	Aerial duels / won	Intercept
<b>AVERAGE / 90</b> <b>TOTAL</b>		90	76.81 / 69.4%	0.06	0.03	0.87 / 30%	0.07	48.4 / 81.3%	10.28 / 53%	0.33 / 38.5%	1.18 / 64.5%	18.96 / 60.5%	6.12 / 62.9%	6.11
Botafogo 0:3 Pachuca World. FIFA Intercontinental Cup, 11.12.2024	<a href="#">LCB</a>	103	96/75 / 78%	0	0	0	0	72/65 / 90%	12/8 / 67%	0	2/1 / 50%	18/9 / 50%	8/4 / 50%	4
Internacional 0:1 Botafogo Brazil. Serie A, 05.12.2024	<a href="#">LCB</a>	100	58/36 / 62%	0	0								8/4 / 50%	11
Atlético Mineiro 1:3 Botafogo South America. Copa Libertadores, 30.11.2024	<a href="#">LCB</a>	106	35/15 / 43%	0	0								4/1 / 25%	10
Palmeiras 1:3 Botafogo Brazil. Serie A, 27.11.2024	<a href="#">LCB</a>	101	57/33 / 58%	0	0								4/3 / 75%	10
Atlético Mineiro 0:0 Botafogo Brazil. Serie A, 21.11.2024	<a href="#">LCB</a>	101	75/47 / 63%	0	0								7/5 / 71%	3
Botafogo 0:0 Cuiabá Brazil. Serie A, 09.11.2024	<a href="#">LCB</a>	104	102/79 / 77%	0	0								5/3 / 60%	6
Botafogo 3:0 Vasco da Gama Brazil. Serie A, 06.11.2024	<a href="#">LCB</a>	99	78/62 / 79%	0	0								5/3 / 60%	

● Won ■ Neutral ✕ Lost

All (18)

Successful (9)

Unsuccessful (9)

# ADVANCED SEARCH - BUSCA AVANÇADA

Advanced search All results 799 My pins 0

Set filters...

Competitions scope: Top 5 EU leagues

Timeframe: current season

CURRENT FILTERS

Position

Successful attacking actions per 90

Add to list

DISPLAY: General

	Player	Team	Position	Age	Market value	Contract expires	Matches played	Minutes played	Goals	xG	Birth country
<input type="checkbox"/>	 J. Bellingham	Real Madrid	<u>LW, AMF, CF</u>	'03(21)	€ 180M	2029-06-30	28	2544	19	12.08	
<input type="checkbox"/>	 P. Foden	Manchester City	<u>AMF, RAMF, RW</u>	'00(24)	€ 150M	2027-06-30	35	3150	19	11.25	
<input type="checkbox"/>	 J. Musiala	Bayern München	<u>AMF, LAMF</u>	'03(21)	€ 130M	2026-06-30	24	1898	10	5.91	
<input type="checkbox"/>	 F. Wirtz	Bayer Leverkusen	<u>AMF, LWF, CF</u>	'03(21)	€ 130M	2027-06-30	32	2547	11	8.67	
<input type="checkbox"/>	 A. Tchouaméni	Real Madrid	<u>RCB, DMF, RCMF</u>	'00(24)	€ 100M	2028-06-30	27	2213	3	1.14	
<input type="checkbox"/>	 J. Álvarez	Atlético Madrid	<u>CF, AMF</u>	'00(24)	€ 90M	2030-06-30	36	2904	11	12.53	
<input type="checkbox"/>	 C. Palmer	Chelsea	<u>AMF, RAMF</u>	'02(22)	€ 80M	2033-06-30	34	2949	22	16.83	
<input type="checkbox"/>	 Rúben Dias	Manchester City	RCB, LCB	'97(27)	€ 80M	2027-06-30	30	2875	0	1.91	

Export to Excel

Type to filter search results...

RESULTS PER PAGE: 30 1-30 of 799

RANKINGS

Rankings > Europe. UEFA Champions League > Defence

PLAYERS TEAMS

UEFA Champions League

2024/2025

General

Attack

Defence

Shots against

Shots blocked

Defensive duels

Interceptions

Aerial duels

Ball losses

Challenge intensity

PPDA

Fouls

CHALLENGE INTENSITY

EXPAND

	Bayern München	6.2
	PSV	6.1
	Bologna	5.9
	Stuttgart	5.8
	Monaco	5.4

PPDA

EXPAND

	Bayern München	6.68
	PSV	7.29
	PSG	9.21
	Stuttgart	9.25
	Monaco	9.36

FOULS

EXPAND

	Young Boys	88
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YELLOW CARDS

EXPAND

	Real Madrid	20
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**Dúvidas?**

## **REFERÊNCIAS UTILIZADAS**

<https://www.twenty3.sport/scout-report-breakout-stars-euro-2024/>

[https://www.hudl.com/en\\_gb/products/wyscout](https://www.hudl.com/en_gb/products/wyscout)

<https://www.scoutednotebook.com/p/the-striker-factories>

OBRIGADO!



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