Baseball App User Manual
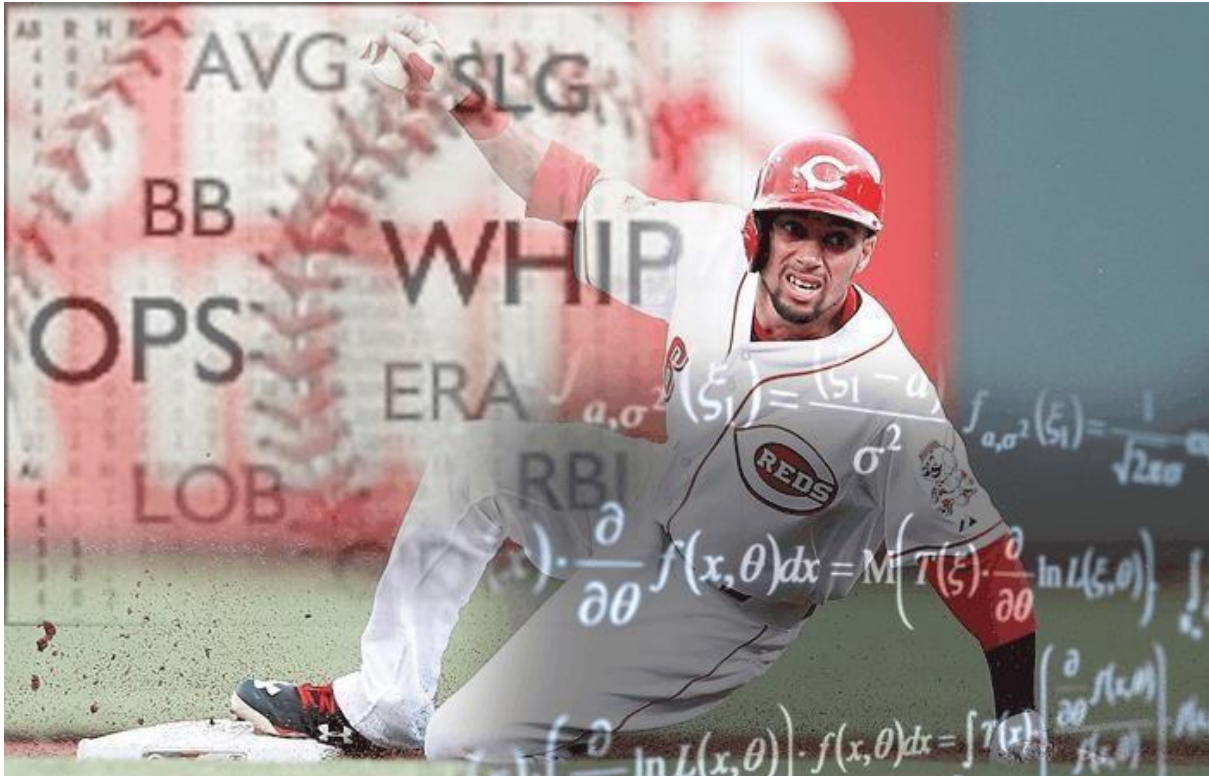
Themasemester:	Big Data
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Preface

The website is built to support the coach of the KNBSB with the selection of players and see how they develop their skills in a detailed dashboard. This dashboard consists of multiple ways to drill into a player's career and get a good look at how the player compares over seasons, years or with other players.

This dashboard is also capable of gathering information from other baseball statistic websites and group them to get a good look at how players perform in other leagues outside of the Netherlands.

This dashboard was made by students from the HvA and overseen by Peter Odenhoven. For any questions regarding the final product, please contact Peter Odenhoven.

Home page

On the homepage you can find information about the dashboard and how it was built. If a page is missing or in development, this will be the default page where you will be redirected to.
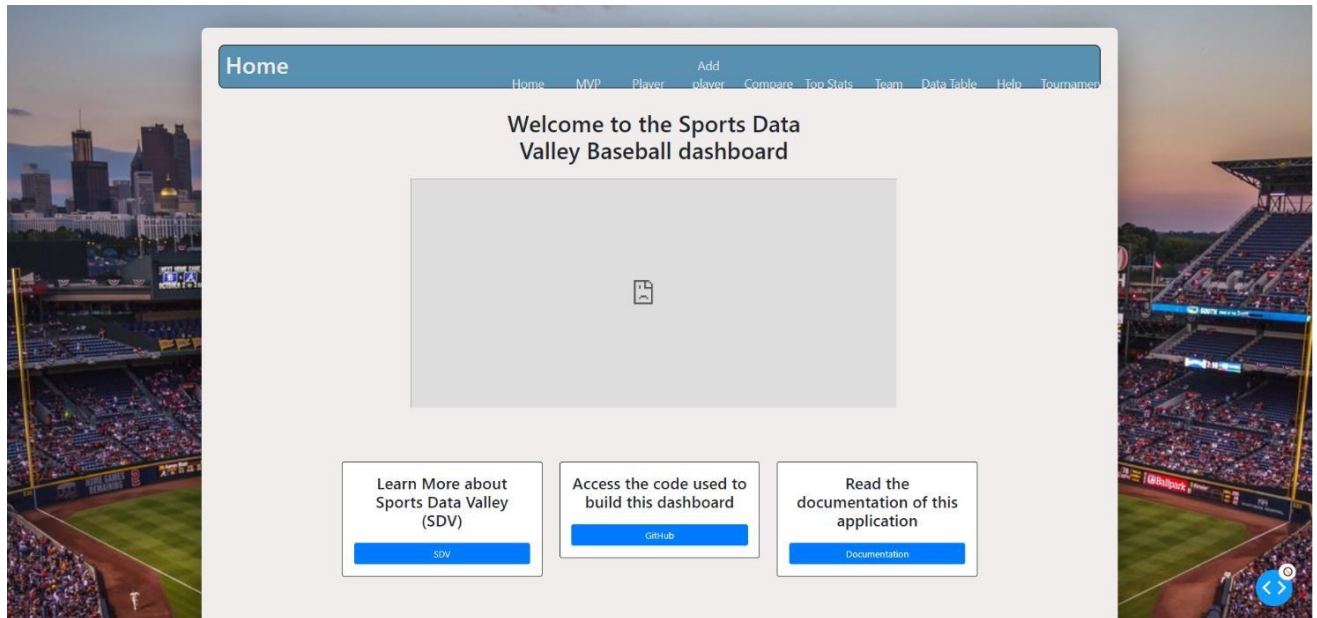

MVP page

On the MVP page you can find out more about the most valuable player. Here we have created a page where you can determine the best pitching/batting player for the position in question.

To determine the most valuable player, we used a formula that we have developed.
For batting it is BA * OBP * SLG, here you can determine how heavy the relevant stat weighs in this calculation. For Pitching we used the formula ERA * WHIP * SO9 to determine the most valuable player.
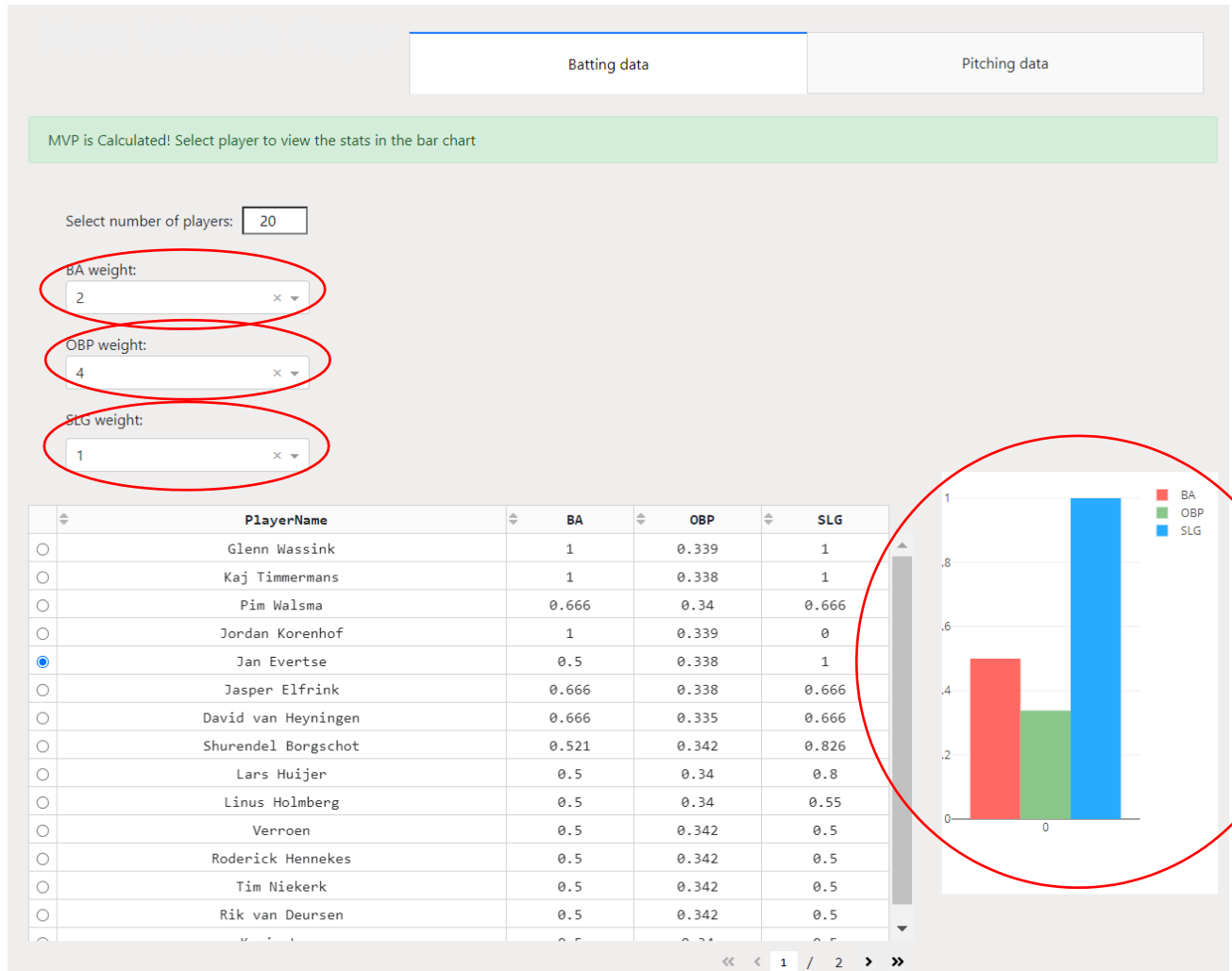Here you can also determine how heavy the stat weighs in the calculation.

After the calculation is done you can check each player to see in which stat the player excels. We have made this possible for both Batting and Pitching.
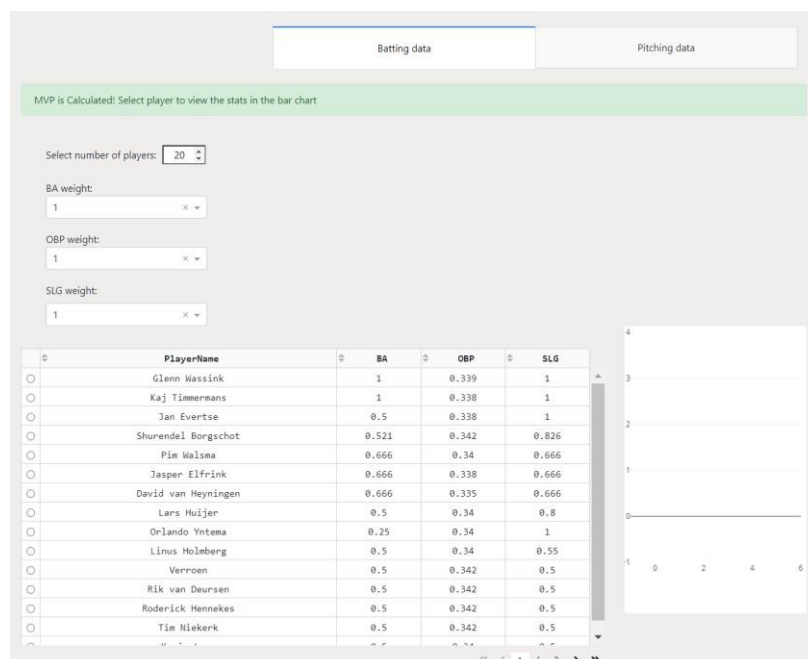
Batting:

As shown in the figure below, the most valuable player was determined for taking a factor of 2 for BA, a factor of 4 for OBP and a factor of 1 for SLG. The stats that came out of this can be seen in the plot.

	Batting data	Pitching data

MVP is Calculated! Select player to view the stats in the bar chart

Select number of players: 20

BA weight:
2

OBP weight:
4

SLG weight:
1

	PlayerName	BA	OBP	SLG
○	Glenn Wassink	1	0.339	1
○	Kaj Timmermans	1	0.338	1
○	Pim Walsma	0.666	0.34	0.666
○	Jordan Korenhof	1	0.339	0
●	Jan Evertse	0.5	0.338	1
○	Jasper Elfrink	0.666	0.338	0.666
○	David van Heyningen	0.666	0.335	0.666
○	Shurendel Borgschot	0.521	0.342	0.826
○	Lars Huijer	0.5	0.34	0.8
○	Linus Holmberg	0.5	0.34	0.55
○	Verroen	0.5	0.342	0.5
○	Roderick Hennekes	0.5	0.342	0.5
○	Tim Niekerk	0.5	0.342	0.5
○	Rik van Deursen	0.5	0.342	0.5

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Pitching:

As you can see in the picture below, the most valuable player is determined by taking a factor of 1 for ERA, a factor of 2 for WHIP and a factor of 1 for SO9. The stats that came out of this can be seen in the plot.
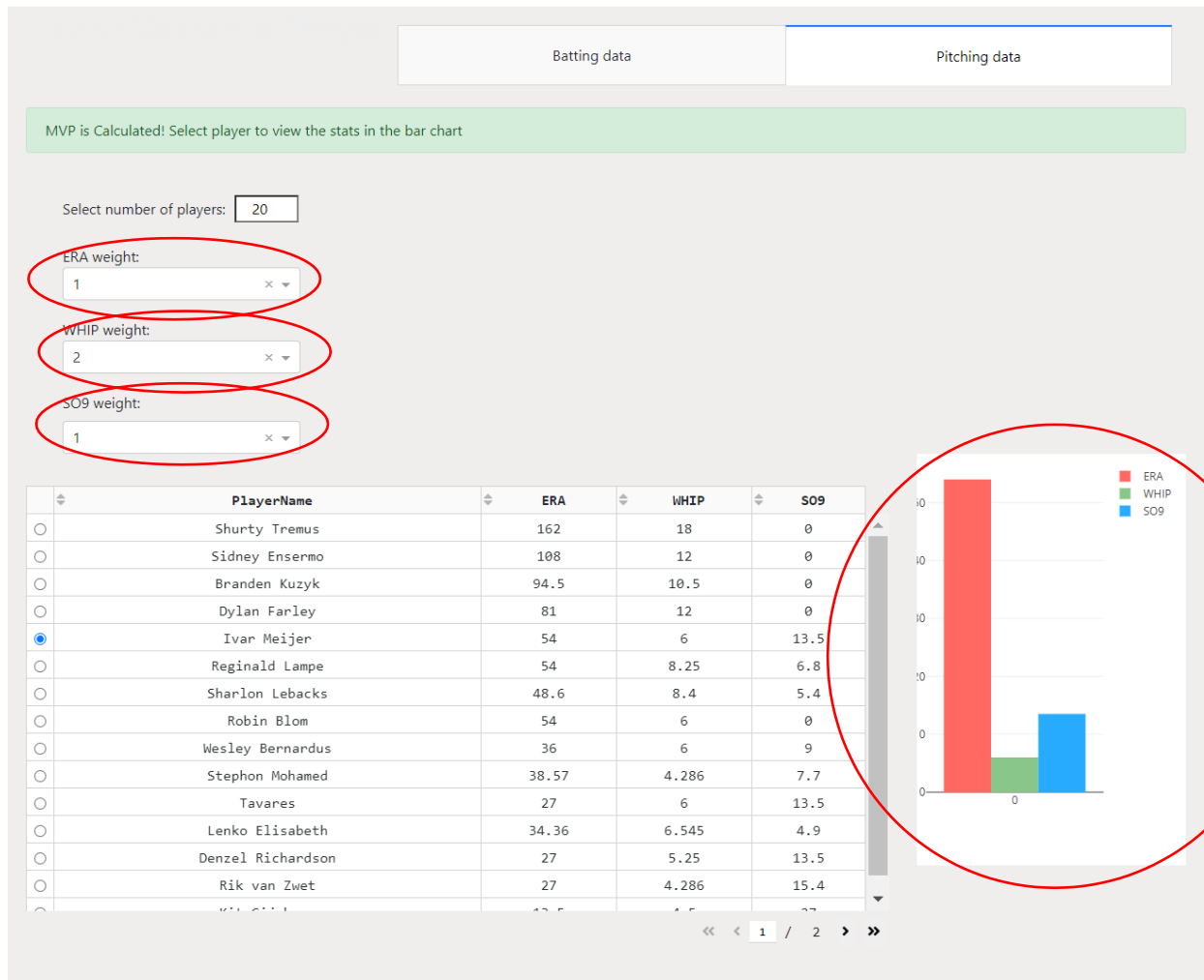
Player page

In the player page you will be able to compare a player with himself over the course of seasons, years or teams. This will help with evaluating a player to select him for a team or match.

The first thing you see, is that the player page is divided into different tabs. When clicking the left tab, the page is selecting the batting data. The right tab selects the Pitching data.

You can click on the "Select a player" to view a dropdown list with all the players in the database. You can then select a team name to view his performance in a team. You can then select a season to view how he performed in a specific time period. Note that only a player is also enough to show a graph.

In the player stats section below the league comparison is a detailed barchart of how a player is doing in terms of statistics over the seasons. You can select stats like OPS, PA, SLG and more.

If done correctly, and the database has information about this player, it will show a graph with his performance like so:
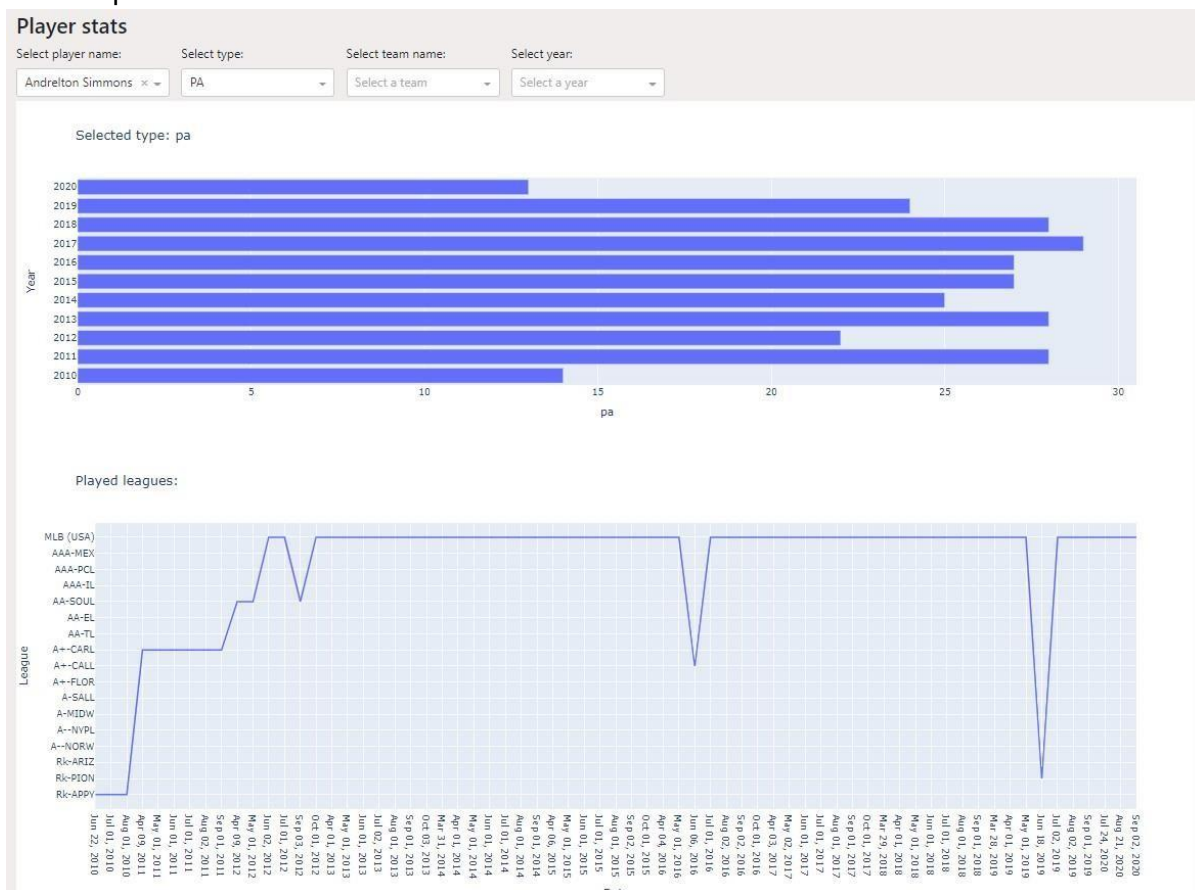
Overview stats

In this table you can find all the different stats about a team, and see how the averages are compared to other teams over the seasons. This can give you an idea of what team is strong in what position and may be able to find a weakness to counter that.

Batting overview

Year	Team	League	G	PA	AB	H	HR	R	RBI	SB	CS	AVG	OBP	SLG	OPS	ISO
2010	DSL Red Sox	FRk-DOSL	63	280	239	75	3	39	42	4	5	.313	.324	.422	.819	.108
2011	Greenville Drive	A-SALL	72	296	265	69	16	38	45	1	3	.260	.324	.509	.833	.249
2012	Portland Sea Dogs	AA-EL	23	97	92	30	5	12	17	1	1	.326	.324	.597	.948	.271
2012	Salem Red Sox	A+-CARL	104	436	384	116	15	59	64	4	4	.302	.325	.505	.883	.203
2013	Boston Red Sox	MLB (USA)	30	84	71	19	1	16	7	1	0	.267	.325	.408	.765	.140
2013	Pawtucket Red Sox	AAA-IL	60	257	225	64	9	32	32	2	2	.284	.325	.453	.822	.168
2013	Portland Sea Dogs	AA-EL	56	259	219	68	6	40	35	5	0	.310	.326	.502	.907	.191
2014	Boston Red Sox	MLB (USA)	144	595	538	129	12	60	46	2	3	.239	.325	.362	.659	.122
2015	Boston Red Sox	MLB (USA)	156	655	613	196	7	84	81	10	2	.319	.326	.420	.775	.101
2016	Boston Red Sox	MLB (USA)	160	731	664	195	21	116	89	13	4	.293	.326	.442	.797	.149
2017	Boston Red Sox	MLB (USA)	152	659	588	157	11	96	63	15	1	.267	.326	.397	.740	.130
2018	Boston Red Sox	MLB (USA)	150	651	571	161	24	77	110	8	2	.281	.326	.500	.860	.218
2018	Pawtucket Red Sox	AAA-IL	1	3	3	2	1	1	1	0	0	.666	.326	.000	.666	1.000
2019	Boston Red Sox	MLB (USA)	155	700	614	190	33	110	117	4	2	.309	.327	.555	.941	.245
2020	Boston Red Sox	MLB (USA)	56	227	203	61	11	36	28	8	0	.300	.327	.502	.872	.201

Fielding overview

Year	Team	League	G	PO	A	E	CH	FLD%
2013	Boston Red Sox	MLB (USA)	30	17	39	1	57	.982
2014	Boston Red Sox	MLB (USA)	143	175	320	20	515	.961
2015	Boston Red Sox	MLB (USA)	156	236	429	11	676	.983
2016	Boston Red Sox	MLB (USA)	160	200	359	12	571	.978
2017	Boston Red Sox	MLB (USA)	150	208	347	17	572	.970
2018	Boston Red Sox	MLB (USA)	150	176	373	10	559	.982
2019	Boston Red Sox	MLB (USA)	153	165	348	13	526	.975
2020	Boston Red Sox	MLB (USA)	53	59	130	5	194	.974

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Add Player

This functionality is to add players that are not automatically scraped or not in the database yet. The players that are in this list are all the current players in the MLB and the MILB league. Once you add a player, all of the statistics and data will be scraped and inserted into the database so you can use all the features.

When you first arrive on this page, you will see a message "No players selected or button is not clicked!". This means that you have not selected a player yet, once you select a player you want to add in the table, the player stats will appear on the right of the data table and the save button will appear below the data table.

Once the save button is clicked, the selected players will be scraped and inserted into the database. The scrapers will run in the background, meaning that you could use other functionalities in the meantime. It will take approximately 30 seconds per player to be scraped and inserted into the database.

Compare

In the compare page you can compare two players with each other. This is useful for decision making when putting a team together.

Overview

First you must select the type you want to compare. Next, select two players. When you select 2 players, click on "Compare". You will then see the player names and are able to choose a statistic to compare. At the bottom of the page the most important statistics are given.
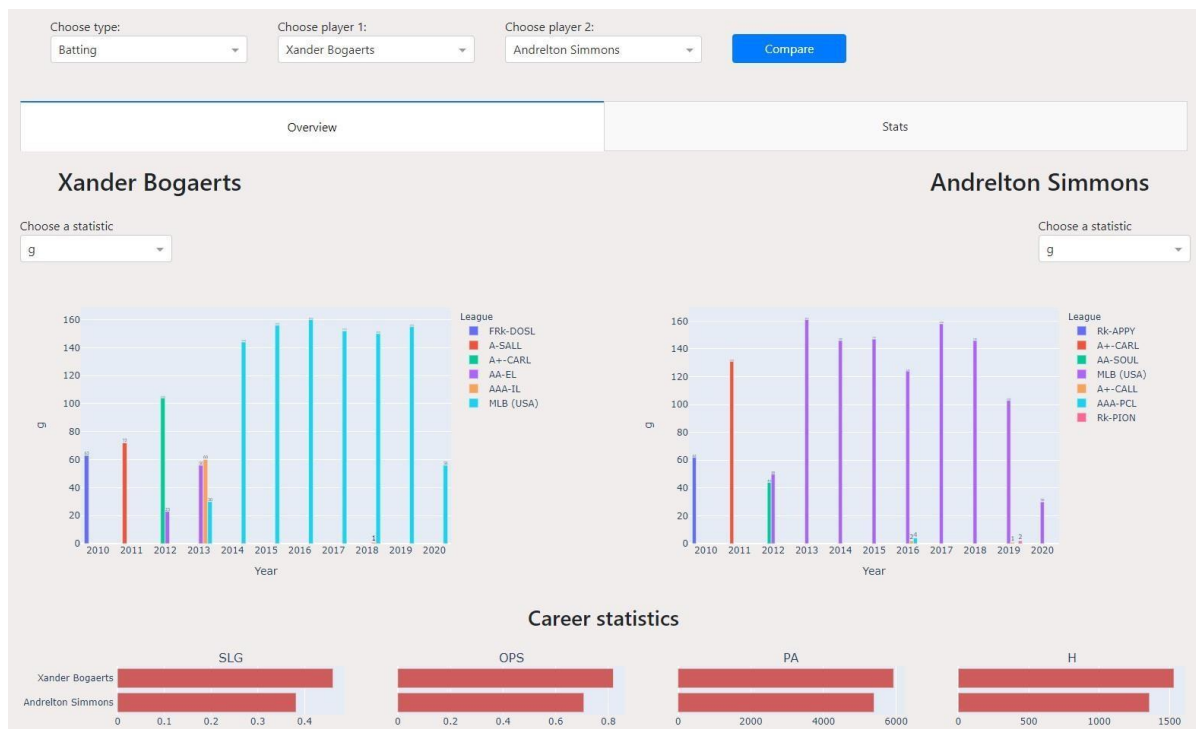
Stats

When you click on "Stats", you will be able to compare a player based on their career, season or stats. This is a useful tool to compare players with other players in a different year, or compare a player with himself and see if he developed or lost some of his skills. This way you can easily see if a player developed a new skill. Note that you can also select the same player twice to see certain stats to compare to himself.
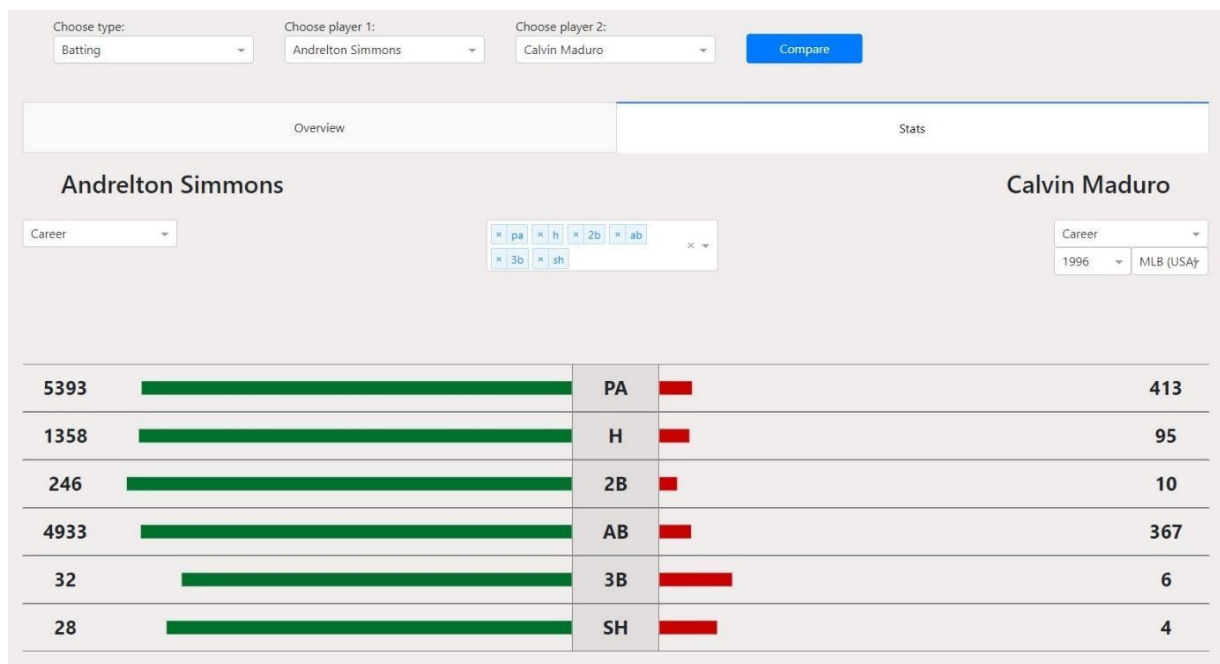
Best features

The best features page is designed to find the best player on a particular statistic. You can select the top ... players based on the selected statistic. The user can decide how many players he/she wants to see at the top. If the user doesn't select any number, then all data is selected. After selecting a statistic, the user sees different cells colored blue, this means that the player who has a blue colored cell, scores the highest on this statistic.

When the best features page is selected, this is what the user sees first, A page that is divided into two tabs, the batting tab and the pitching tab. The user always gets to the batting tab first.

Playername	g	pa	ab	r	h	rbi	2b	3b	hr	bb	sb	cs	hbp	sh	sf	so	ibb	gdp	avg	obp	slg	ops	iso
filter data...																							
Gianison Boekhoudt	377	1708	1359	258	396	320	79	3	57	302	38	9	8	4	20	279	15	40	0.291	0.34	0.479	0.901	0.188
Quintin de Cuba	342	1382	1134	195	332	174	65	5	24	182	28	15	30	6	14	179	16	28	0.292	0.341	0.422	0.827	0.129
Chadwick Tromp	352	1304	1176	137	302	167	64	2	27	93	4	7	17	5	12	231	1	32	0.256	0.33	0.383	0.7	0.126
Sicnarf Loopstok	334	1302	1106	164	270	150	58	12	38	131	28	16	34	6	16	315	9	22	0.244	0.324	0.421	0.762	0.177
Bas Nooij	269	1092	906	156	243	147	58	8	13	106	6	4	55	15	8	196	2	10	0.268	0.331	0.392	0.764	0.124
Max Clarijs	302	1091	898	122	174	101	40	6	1	131	23	5	14	39	7	213	2	24	0.193	0.34	0.255	0.549	0.061
Mark Duursma	239	1008	819	127	230	124	31	1	0	143	24	9	15	16	13	84	2	24	0.28	0.34	0.321	0.708	0.04
Julian Goins	244	841	737	91	174	74	29	4	0	75	43	10	16	7	5	158	1	14	0.236	0.339	0.286	0.602	0.05
Dashenko Ricardo	189	794	715	100	241	153	47	8	15	55	7	2	4	6	12	90	2	23	0.337	0.337	0.488	0.868	0.151
Brian Raap	241	791	690	88	171	83	30	3	5	70	29	18	18	6	5	169	2	13	0.247	0.333	0.321	0.651	0.073

This page shows the batting data. The user has to choose the position of the players and can choose whether he/she wants to see the data of the career or over a specific year. Once the user has selected the statistic, the data will be loaded. The user can also filter in the

newly created table. If the user wants to know how to filter, he/she can click on the gray button on the right (above the table) for the explanation.

When the user selects the tab of the pitching data, it all works the same as the batting data. However, with the pitching tab there is no dropdown for selecting a position, because the data contains only information about the pitching position.

Pitching data

Select number of players: 10

Select type: Career

Order by stat: g

Playername	gs	g	ip	h	r	er	bb	so	hbp	ibb	ab	bf	fo	go	np	Win	Loss	Save	era	wlp	whip	h9	bb9	so9	sobb
Kenley Jansen	7	744	767	500	222	209	226	1141	28	12	2759	3034	1058	578	11829	31	14	338	2.45	0.688	0.947	5.9	2.7	13.4	5
Pedro Strop	0	712	687	528	276	253	312	753	43	28	2507	2899	808	991	10945	34	31	68	3.31	0.523	1.223	6.9	4.1	9.9	2.4
Berry van Driel	6	253	318.1	244	121	80	119	285	13	9	1159	1326	292	335	4016	17	13	47	2.26	0.566	1.14	6.9	3.4	8.1	2.4
Jurrian Koks	36	195	497	521	241	158	127	357	30	16	1901	2142	457	583	5529	30	31	34	2.86	0.491	1.304	9.4	2.3	6.5	2.8
Sedley Karel	1	194	228.2	204	124	94	149	189	18	4	848	1034	197	241	3322	9	12	23	3.7	0.428	1.544	8	5.9	7.4	1.3
Pim Walsma	1	191	267.1	221	142	104	170	215	24	7	961	1181	246	280	3365	14	14	5	3.5	0.5	1.463	7.4	5.7	7.2	1.3
Dennis Burgersdijk	108	188	716	749	415	316	303	506	48	10	2782	3218	610	901	9685	38	53	12	3.97	0.417	1.469	9.4	3.8	6.4	1.7
Diego Markwell	180	180	1155	915	331	267	350	752	63	2	4159	4658	1018	1438	14060	116	25	0	2.08	0.822	1.094	7.1	2.7	5.9	2.1
Nick Veltkamp	91	177	626.1	608	312	235	267	447	34	2	2382	2752	648	663	7907	51	30	3	3.38	0.629	1.397	8.7	3.8	6.4	1.7
Daan Hendrix	1	168	256	241	94	66	73	177	4	12	966	1064	211	336	3701	18	7	23	2.32	0.72	1.227	8.5	2.6	6.2	2.4

Batting data

Select number of players: 10

Select position: Pitcher

Select type: Career

Order by stat: pa

Playername	g	pa	ab	r	h	rbi	2b	3b	hr	bb	sb	cs	hbp	sh	sf	so	ibb	gdp	avg	obp	slg	ops	iso
Kenley Jansen	730	422	378	41	83	41	23	0	10	32	4	1	3	7	0	106	2	10	0.219	0.321	0.359	0.644	0.14
Tim Roodenburg	102	150	130	9	25	9	3	0	0	8	8	1	4	6	2	24	0	3	0.192	0.342	0.215	0.462	0.023
Jose Ventura	57	146	132	19	38	14	8	1	0	11	3	0	0	1	0	19	2	1	0.287	0.339	0.363	0.712	0.075
Martijn Riphagen	134	140	126	7	24	4	1	0	0	11	2	0	2	0	1	30	0	5	0.19	0.341	0.198	0.462	0.007
Rick van den Hurk	69	123	102	7	7	3	0	0	0	7	0	0	0	13	1	64	0	1	0.068	0.322	0.068	0.182	0
Kevin van Veen	167	81	71	9	15	5	1	1	0	7	1	1	3	0	0	25	0	2	0.211	0.34	0.253	0.562	0.042
Jerrold Martijn	39	78	70	14	27	6	3	0	0	4	2	2	1	1	1	0	1	0	0.385	0.34	0.428	0.851	0.042
Jos de Jong	119	68	54	8	16	10	3	0	0	9	1	0	3	1	1	12	0	2	0.296	0.339	0.351	0.763	0.055
Tim Halderman	129	67	65	3	9	0	2	0	0	2	0	2	0	0	0	7	0	2	0.138	0.342	0.169	0.333	0.03
Angelo Wicklert	56	48	39	5	3	2	1	0	0	8	2	0	0	0	1	8	0	0	0.076	0.328	0.102	0.331	0.025

Team Selection

In the team selection page you can compare teams with each other and see how they play against other teams in terms of stats. This gives a good impression of how to counter a set of players.

NAME	YEAR	LEAGUE	G	PA	AB	R	H	RBI	2B	3B	HR	BB	SB	CS	HBP	SH	SF	SO	IBB	GDP	PO	A	E	MAIN POSITION	AVG	OBP	SLG	OPS	ISO
filter data...																													
Aldrich De Jongh	2018	Rk-ARIZ	23	94	86	11	19	12	4	1	1	6	2	1	0	1	1	16	0	0	0	0	0	Right Fielder	.220	.265	.325	.591	.104
Aldrich De Jongh	2018	Rk-PION	2	3	3	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	Center Fielder	.333	.268	.333	.666	.000
Aldrich De Jongh	2019	Rk-ARIZ	32	146	128	16	39	15	8	4	1	14	5	1	1	0	2	30	1	1	0	0	0	Center Fielder	.304	.333	.453	.829	.148
Aldrich De Jongh	2019	Rk-PION	20	75	72	13	20	9	2	1	2	1	1	0	0	0	2	20	0	1	0	0	0	Left Fielder	.277	.320	.416	.696	.138
Andrelton Simmons	2010	Rk-APPY	62	269	239	36	66	26	11	1	2	16	18	4	9	1	4	14	0	3	0	0	0	Shortstop	.276	.328	.355	.693	.079
Andrelton Simmons	2011	A+-CARL	131	572	517	69	161	52	35	6	1	29	26	17	6	12	6	43	2	12	0	0	0	Shortstop	.311	.337	.408	.754	.096
Andrelton Simmons	2012	AA-SOUL	44	204	174	29	51	21	9	2	3	20	10	2	3	4	2	20	1	4	0	0	0	Shortstop	.293	.341	.419	.787	.126
Andrelton Simmons	2012	MLB (USA)	50	187	170	17	49	19	8	2	3	12	1	0	1	0	3	21	1	5	0	0	0	Shortstop	.288	.341	.411	.748	.123
Andrelton Simmons	2013	MLB (USA)	161	674	618	76	153	61	28	6	17	42	6	5	3	6	4	58	1	17	0	0	0	Shortstop	.247	.327	.394	.690	.147
Andrelton Simmons	2014	MLB (USA)	146	580	540	44	132	46	18	4	7	32	4	5	0	2	2	60	4	25	0	0	0	Shortstop	.244	.319	.331	.621	.087
Andrelton Simmons	2015	MLB (USA)	147	589	535	60	142	44	23	2	4	39	5	3	6	1	2	48	6	19	0	0	0	Shortstop	.265	.320	.338	.665	.072
Andrelton Simmons	2016	A+-CALL	2	6	6	2	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	Shortstop	.333	.320	.500	.833	.166
Andrelton Simmons	2016	AAA-PCL	4	18	18	0	6	5	1	0	0	0	1	0	0	0	0	2	0	1	0	0	0	Shortstop	.333	.321	.388	.722	.055
Andrelton Simmons	2016	MLB (USA)	124	483	448	48	126	44	22	2	4	28	10	1	2	1	4	38	0	16	0	0	0	Shortstop	.281	.321	.366	.689	.084
Andrelton Simmons	2017	MLB (USA)	158	647	589	77	164	69	38	2	14	47	19	6	3	0	8	67	0	20	0	0	0	Shortstop	.278	.322	.421	.751	.142

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First, you need to select players in order to filter them in the table. If you don't select any players, you will get the following screen when clicking on the "Teams" tab:

Batting line-up

These are the players that you have selected for the batting line-up:

Export

NAME	YEAR	LEAGUE	G	PA	AB	R	H	RBI	2B	3B	HR	BB	SB	CS	HBP	SH	SF	SO	IBB	GDP	PO	A	E	MAIN POSITION	AVG	OBP	SLG	OPS	ISO
	filter data...																												
Andrelton Simmons	2010	Rk-APPY	62	269	239	36	66	26	11	1	2	16	18	4	9	1	4	14	0	3	0	0	0	Shortstop	.276	.328	.355	.693	.079
Andrelton Simmons	2011	A+-CARL	131	572	517	69	161	52	35	6	1	29	26	17	6	12	6	43	2	12	0	0	0	Shortstop	.311	.337	.408	.754	.096
Andrelton Simmons	2012	AA-SOUL	44	204	174	29	51	21	9	2	3	20	10	2	3	4	2	20	1	4	0	0	0	Shortstop	.293	.341	.419	.787	.126
Andrelton Simmons	2012	MLB (USA)	50	187	170	17	49	19	8	2	3	12	1	0	1	0	3	21	1	5	0	0	0	Shortstop	.288	.341	.411	.748	.123
Andrelton Simmons	2013	MLB (USA)	161	674	618	76	153	61	28	6	17	42	6	5	3	6	4	58	1	17	0	0	0	Shortstop	.247	.327	.394	.690	.147
Andrelton Simmons	2014	MLB (USA)	146	580	540	44	132	46	18	4	7	32	4	5	0	2	2	60	4	25	0	0	0	Shortstop	.244	.319	.331	.621	.087
Andrelton Simmons	2015	MLB (USA)	147	589	535	60	142	44	23	2	4	39	5	3	6	1	2	48	6	19	0	0	0	Shortstop	.265	.320	.338	.665	.072
Andrelton Simmons	2016	A+-CALL	2	6	6	2	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	Shortstop	.333	.320	.500	.833	.166
Andrelton Simmons	2016	AAA-PCL	4	18	18	0	6	5	1	0	0	1	0	0	0	0	0	2	0	1	0	0	0	Shortstop	.333	.321	.388	.722	.055
Andrelton Simmons	2016	MLB (USA)	124	483	448	48	126	44	22	2	4	28	10	1	2	1	4	38	0	16	0	0	0	Shortstop	.281	.321	.366	.689	.084
Andrelton Simmons	2017	MLB (USA)	158	647	589	77	164	69	38	2	14	47	19	6	3	0	8	67	0	20	0	0	0	Shortstop	.278	.322	.421	.751	.142
Andrelton Simmons	2018	MLB (USA)	146	602	554	68	162	75	26	5	11	35	10	2	5	1	5	44	2	17	0	0	0	Shortstop	.292	.324	.416	.755	.124
Andrelton Simmons	2019	A+-CALL	1	4	3	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	Shortstop	.333	.324	.333	.833	.000
Andrelton Simmons	2019	MLB (USA)	103	425	398	47	105	40	19	0	7	24	10	2	2	0	0	37	1	21	0	0	0	Shortstop	.263	.323	.364	.674	.100
Andrelton Simmons	2019	Rk-PTON	2	6	6	1	3	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	Shortstop	.500	.323	.500	1.000	.000

Pitching team

These are the players you have selected for the pitching team:

Export

NAME	YEAR	LEAGUE	GS	G	IP	H	R	ER	BB	SO	HBP	IBB	AB	BF	FO	GO	NP	WIN	LOSS	SAVE	ERA	WLP	WHIP	H9	BB9	SO9	SOBB
	filter data...																										
Denverick Martines	2019	Frk-DOSL	5	16	32.1	26	12	8	20	27	2	0	116	139	45	46	0	3	0	0	2.23	1.000	1.423	7.2	5.6	7.5	1.4
Donny Breek	2018	Rk-GULF	8	10	37.1	26	14	12	17	41	3	0	132	153	53	36	0	2	1	0	2.89	.666	1.152	6.3	4.1	9.9	2.4
Donny Breek	2019	Rk-GULF	7	10	36.1	21	10	3	19	38	6	0	127	153	45	43	0	1	2	0	0.74	.333	1.101	5.2	4.7	9.4	2.0
Eric Mendez	2018	FRk-DOSL	8	15	52.0	30	18	14	17	65	6	1	187	210	76	47	0	4	1	2	2.42	.800	0.904	5.2	2.9	11.2	3.8
Eric Mendez	2019	Rk-ARIZ	0	11	25.0	22	15	13	11	35	5	0	97	113	40	24	0	2	0	1	4.68	1.000	1.32	7.9	4.0	12.6	3.2
Jiorgeny Casimiri	2019	Rk-GULF	1	9	14.0	11	4	4	2	13	0	0	52	54	26	13	0	0	0	0	2.57	.000	0.929	7.1	1.3	8.4	6.5
Kenley Jansen	2009	A+-CALL	0	12	11.2	14	6	6	11	19	0	0	47	58	17	11	0	0	0	0	4.63	.000	2.143	10.8	8.5	14.7	1.7
Kenley Jansen	2009	Fal-AZFL	0	5	4.2	5	5	3	9	1	0		19	23	7	3	101	0	0	0	9.64	.000	1.714	9.6	5.8	17.4	3.0
Kenley Jansen	2010	A+-CALL	0	11	18.0	15	3	3	6	28	0	0	65	73	19	17	0	1	1	0	1.5	.500	1.167	7.5	3.0	14.0	4.7
Kenley Jansen	2010	AA-SOUL	0	22	26.0	14	6	5	17	50	0	0	93	111	32	13	485	4	0	8	1.67	1.000	1.148	4.7	5.7	16.7	2.9
Kenley Jansen	2010	MLB (USA)	0	25	26.0	12	2	2	15	41	1	1	92	109	33	19	484	1	0	4	0.67	1.000	1.0	4.0	5.0	13.7	2.7
Kenley Jansen	2011	A+-CALL	2	2	2.0	0	0	0	0	4	0	0	6	6	2	0	0	0	0	0	0.0	.000	0.0	0.0	0.0	18.0	0.0
Kenley Jansen	2011	AA-SOUL	0	5	6.0	2	3	3	3	9	0	1	18	22	8	1	100	0	1	0	4.5	.000	0.833	3.0	4.5	13.5	3.0
Kenley Jansen	2011	MLB (USA)	0	51	53.2	30	17	17	26	96	2	0	189	218	66	28	982	2	0	5	2.85	1.000	1.043	5.0	4.4	16.1	3.7
Kenley Jansen	2012	MLB (USA)	0	65	65.0	33	18	17	22	99	3	1	226	252	86	43	1051	1	2	25	2.35	.333	0.846	4.6	3.0	13.7	4.5

If you click on the teams tab, you get an overview with all the players you selected in the other tabs. This can be used to evaluate your team setup and compare it with opponents. This way you can view the stats of multiple players in the batting and pitching line up.

You can also export the table as an .xlsx file to look at the data later, or to make multiple compositions.

Data Tables

In the data tables page you can find a detailed table with all the raw information that the app works with.

You can filter the data based on batting, pitching, fielding, but also select a time interval like game logs, yearly logs and career logs. Also, you can fill in the league you want to filter on and select what positions you want to display. This way you can narrow down to find a perfect pick for your team.

Above you can see the raw data in the table that was filtered for "Batting, Yearly and A+ FLOR".

Help page

On the help page you can find useful information for developers and users alike. If you click on the Github button, you will be redirected to the github website where you can find the code that was used to build this dashboard.

If you click on the manual button, it will take you to this document.
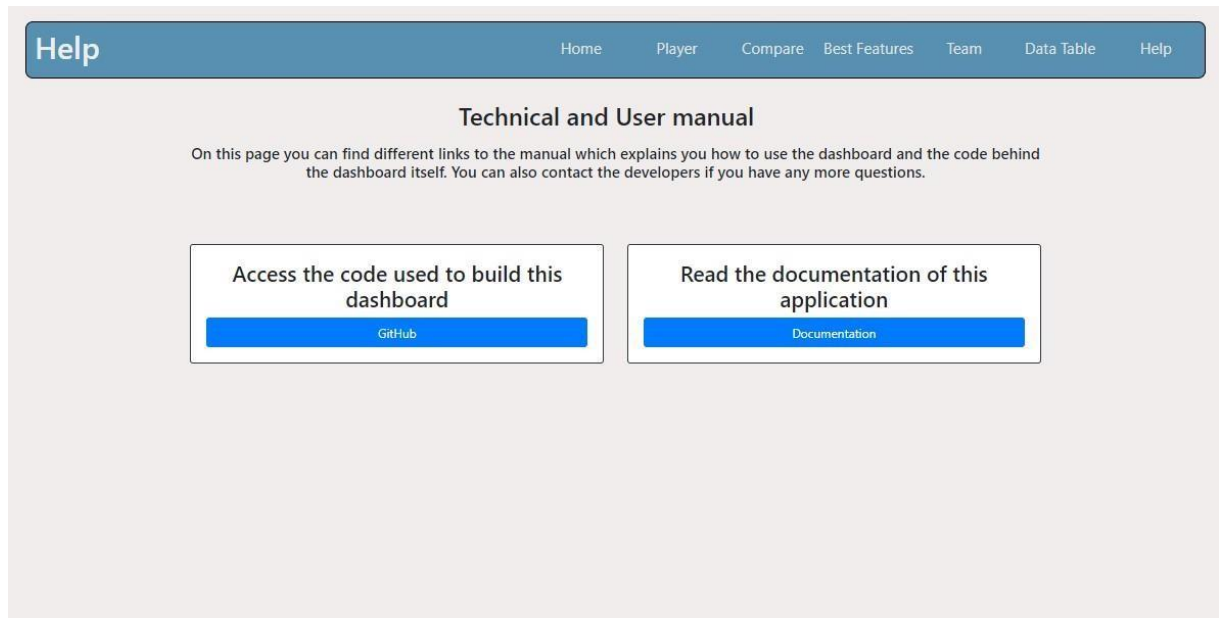
Tournaments

This functionality is built to retrieve data from the played tournaments or matches from a specific player. The played matches are divided in two sections, batting and pitching. If a player does not have any data for the played tournaments or matches, the table will remain empty. For the tournaments we have set fixed columns "Name", "Year", "Tournament". And for the batting and the pitching matches we have set fixed columns "PlayerName", "Team", "Opponent", "League", "SeasonType", "DateString".

You start off with selecting a player. Once a player is selected, all the statistics of all the matches and or tournaments will be selected by default. You can select specific statistics by using the dropdowns for the tournament and the matches tables.
In this example, we have selected the player "roger bernadina". We have not specified the statistics for the tournament so all the stats will be shown as default.

In the batting table, we have selected one of the stats we would like to see in the table. As you can see, this player has no data for the pitching table, which means that this player does not have any pitching matches played.