Executive Summary Report

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ALY6000 "Introduction to Analysis" Module 1 Project 2
Prof. John Wilder 2024 - 09 - 28

Introduction

This report presents an analysis of batting statistics from the 1986 Major League Baseball (MLB) season. The goal of this analysis is to examine player performance by focusing on key offensive metrics such as home runs (HRs), batting average (BA), on-base percentage (OBP), and runs batted in (RBIs). These metrics are used to evaluate individual contributions and identify the top-performing players of the season, which culminates in recommendations for the league's Most Valuable Player (MVP) award.

The analysis is conducted using the R programming language, with several powerful libraries facilitating data manipulation, analysis, and visualization:

- dplyr: This library was used extensively for data cleaning, filtering, summarization, and grouping. It made it easier to select relevant columns, filter out unimportant records (like players with zero at-bats), and perform calculations such as the average number of home runs, hits, and runs by age.
- ggplot2: This library was crucial for generating visualizations, including scatterplots and histograms. ggplot2 allowed for intuitive, customizable, and professional-quality plots to visualize the relationships between home runs and RBIs, and the distribution of batting averages among players.
- **tidyr**: This package helped tidy up the dataset, ensuring the data was in a clean and organized format for easier analysis. It was especially useful for managing missing values and creating new columns.
- **janitor**: This was used for cleaning column names in the dataset, making them easier to manage and reference during the analysis.

These libraries were essential for conducting a thorough analysis of the dataset and ensuring that the findings were supported by both descriptive statistics and visualizations.

Key Findings

- 1. **Top Players by Strikeouts**: The analysis identified the 10 players with the highest strikeout rates, offering valuable insight into those most susceptible to striking out during the season.
- 2. **Correlation Between Home Runs and RBIs**: A scatterplot revealed a strong positive correlation between home runs and RBIs, indicating that players with higher home run counts were typically more successful at driving in runs.
- 3. **Distribution of Batting Averages**: A histogram of batting averages for qualified players demonstrated that the majority had averages between 0.250 and 0.300, with a few exceptional players exceeding this range.
- 4. **MVP Candidates**: After ranking players based on home runs, RBIs, and on-base percentage (OBP), the top 20 contenders for MVP were identified, focusing on those with a minimum of 300 at-bats or 100 games played during the season.

Code

#2

head(baseball)

#This line of code displays the first 6 rows

names(baseball)

#This line of code lists the column names

glimpse(baseball)

#This line of code gives the summary of the data, showing types of each variable

Explanation:

The above lines of code explore the dataset, the first one displays the first few rows of the data, the second one checks the column names, and the last one gives summary of the data, showing types of each variable.

```
> head(baseball)
                                                                      RBT
                                                                                        BB
  Last
           First
                    Age
                                PA
                                     AB
                                                     2B
                                                           3B
                                                                 HR
                                                                             SB
                  <db 1>
                                         <db1;
                                                                          <db1>
                                                                                         0
                                28
                                     28
                                                             0
                                                                  0
                                                                                   0
  Acker
           Jim
                          21
                                            1
                                                 3
                                                                        0
                                                                                             21
  Adduci
                                13
                                     11
                                                                       13
6
                                                                                             26
12
  Aguayo
           Luis
                          62
                               146
                                    133
                                           17
                                                28
                                                             1
                                                                                         8
  Aguilera
           Rick
                                                 8
  Akerfelds Darrel
                    24
                                 0
                                      0
                                            0
                                                 0
                                                       0
                                                             0
                                                                  0
                                                                        0
                                                                                         0
                                                                                              0
                              256
           Mike
                     25
                          84
                                    216
  Aldrete
  #This line of code displays the first 6 rows
names(baseball)
[1] "Last" "First"
[15] "BB" "SO"
                           "G"
                                   "PA"
                                          "AB"
                                                  "R"
                                                         "H"
                                                                 "2B"
                                                                        "3B"
                                                                               "HR"
                                                                                       "RBI"
                                                                                              "SB"
                                                                                                      "CS"
  #This line of code lists the column names
> glimpse(baseball)
Rows: 771
Columns: 16
```

```
age_stats_df <- baseball %>%
  group_by(Age) %>%
  summarise(
    Count = n(),
    HR = mean(HR, na.rm = TRUE),
    H = mean(H, na.rm = TRUE),
    R = mean(R, na.rm = TRUE)
)
```

Explanation:

This code summarizes the data by player age, calculating the number of players, their average home runs, hits, and runs scored.

Key Findings:

I investigated the relationship between age and offensive statistics by calculating averages for home runs, hits, and runs scored across different age groups. This analysis helped me identify the ages when players tended to be most productive.

baseball <- baseball %>%

filter(AB > 0)

Explanation:

This code filters out players with 0 at-bats.

Output:

>	baseball															
#	# A tibble: 726 × 16															
	Last	First	Age	G	PA	AB	R	H	`2B`	`3B`	HR	RBI	SB	CS	BB	SO
	<chr></chr>	<chr></chr>	<db1></db1>	<db1></db1>	<db1></db1>	<db1></db1>	<db1></db1>	<db7></db7>	<db7></db7>	<db 7=""></db>	<db7></db7>	<db7></db7>	<db7></db7>	<db1></db1>	<db7></db7>	<db7></db7>
1	Acker	Jim	27	21	28	28	1	3	1	0	0	0	0	0	0	21
2	Adduci	Jim	26	3	13	11	2	1	1	0	0	0	0	0	1	2
3	Aguayo	Luis	27	62	146	133	17	28	6	1	4	13	1	1	8	26
4	Aguilera	Rick	24	32	57	51	4	8	0	0	2	6	0	0	3	12
5	Aldrete	Mike	25	84	256	216	27	54	18	3	2	25	1	3	33	34
6	Alexander	Doyle	35	18	45	38	2	8	1	0	0	5	0	0	0	8
7	Allanson	Andy	24	101	324	293	30	66	7	3	1	29	10	1	14	36
8	Almon	Bill	33	102	230	196	29	43	7	2	7	27	11	4	30	38
9	Amelung	Ed	27	8	11	11	0	1	0	0	0	0	0	0	0	4
10	Andersen	Larry	33	48	7	6	0	0	0	0	0	0	0	0	0	3
#	i 716 more	rows														
#	i Use `prin	nt(n =)`	to see	more	rows										

#6

baseball <- baseball %>%

mutate(BA = H/AB)

#7

baseball <- baseball %>%

mutate(BA = round(BA,3))

Explanation:

The first piece of code adds a new column for batting average, the next one rounds batting average to 3 decimal places.

```
> baseball
# A tibble:
                               Age
                            <db7>
                                                                                                                                                        b7> <db7>
21 0.107
2 0.091
                                      <db1> <db1>
                                                                 <db 7>
                                                                          <db7>
                    <chr>
    Acker
    Adduci
                                                            11
                   Jim
                                 26
                                                   13
   Aguayo
Aguilera
Aldrete
                                24
25
35
24
                   Rick
                                         32
84
                                                 57
256
                                                          51
216
                                                                                                                   6
25
                   Mike
   Alexander Doyle
Allanson Andy
                                                                                                                                              0
14
                                                                                                                                                        8 0.211
36 0.225
                                         18
                                                   45
                                                                                                                   29
27
0
                                                  324
                                                           293
                                                                      30
                                        101
                                                                                                                                                        38 0.219
4 0.091
3 0
 8 Almon
9 Amelung
                                 33
27
                   Rill
                                        102
                                                  230
                                                          196
                   Ed
                                                   11
10 Andersen Larry
```

```
baseball <- baseball %>%
  mutate(OBP = (H + BB) / (AB + BB))
#9
baseball <- baseball %>%
  mutate(OBP = round(OBP,3))
```

Explanation:

The first piece of code adds a new column for OBP, the next one rounds OBP to 3 decimal places.

Output:

> baseball																	
# A tibble:	726×1	.8															
Last	First	Age	G	PA	AB	R	Н	`2B`	`3B`	HR	RBI	SB	CS	BB	50	BA	OBP
<chr></chr>	<chr></chr>	<db7></db7>	<db 7=""></db>	<db7></db7>	<db7></db7>	<db7></db7>	<db 7=""></db>	<db7></db7>	<db7></db7>	<db1></db1>	<db1></db1>						
1 Acker	Jim	27	21	28	28	1	3	1	0	0	0	0	0	0	21	0.107	0.107
2 Adduci	Jim	26	3	13	11	2	1	1	0	0	0	0	0	1	2	0.091	0.167
3 Aguayo	Luis	27	62	146	133	17	28	6	1	4	13	1	1	8	26	0.211	0.255
4 Aguilera	Rick	24	32	57	51	4	8	0	0	2	6	0	0	3	12	0.157	0.204
5 Aldrete	Mike	25	84	256	216	27	54	18	3	2	25	1	3	33	34	0.25	0.349
6 Alexander	Doyle	35	18	45	38	2	8	1	0	0	5	0	0	0	8	0.211	0.211
7 Allanson	Andy	24	101	324	293	30	66	7	3	1	29	10	1	14	36	0.225	0.261
8 Almon	Bill	33	102	230	196	29	43	7	2	7	27	11	4	30	38	0.219	0.323
<pre>9 Amelung</pre>	Ed	27	8	11	11	0	1	0	0	0	0	0	0	0	4	0.091	0.091
10 Andersen	Larry	33	48	7	6	0	0	0	0	0	0	0	0	0	3	0	0
# i 716 more	rows																
# i Use `nri	nt(n -)	to see	more	rows												

#10

```
strikeout_artist <- baseball %>%
  arrange(desc(SO)) %>%
  head(10)
```

Explanation:

This code helps us identify the top 10 players with the most strikeouts.

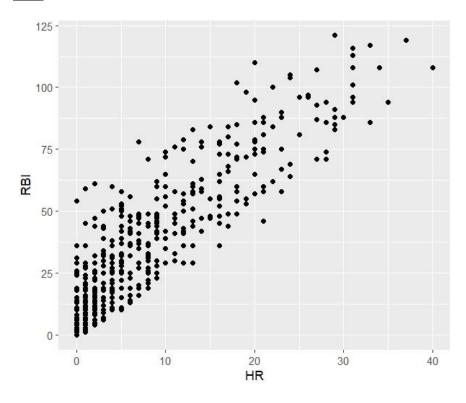
> strikeout_a # A tibble: 1																	
Last	First	Age	G	PA	AB	R	Н	`2B`	`3B`	HR	RBI	SB	CS	BB	50	ВА	OBP
<chr></chr>	<chr></chr>	<db7></db7>	<db7></db7>	<db></db>	<db7></db7>	<db1></db1>	<db7></db7>	<db7></db7>	<db7></db7>	<db7></db7>	<db7></db7>	<db1></db1>	<db7></db7>	<db1></db1>	<db></db>	<db></db>	<db1></db1>
1 Incaviglia	Pete	22	153	606	540	82	135	21	2	30	88	3	2	55	185	0.25	0.319
2 Deer	Rob	25	134	546	466	75	108	17	3	33	86	5	2	72	179	0.232	0.335
3 Canseco	Jose	21	157	682	600	85	144	29	1	33	117	15	7	65	175	0.24	0.314
4 Presley	Jim	24	155	660	616	83	163	33	4	27	107	0	4	32	172	0.265	0.301
5 Tartabull	Danny	23	137	578	511	76	138	25	6	25	96	4	8	61	157	0.27	0.348
6 Balboni	Steve	29	138	562	512	54	117	25	1	29	88	0	0	43	146	0.229	0.288
7 Barfield	Jesse	26	158	671	589	107	170	35	2	40	108	8	8	69	146	0.289	0.363
8 Samuel	Juan	25	145	633	591	90	157	36	12	16	78	42	14	26	142	0.266	0.297
9 Murphy	Dale	30	160	692	614	89	163	29	7	29	83	7	7	75	141	0.265	0.345
10 Strawberry	Darryl	24	136	562	475	76	123	27	5	27	93	28	12	72	141	0.259	0.356

ggplot(baseball, aes(x = HR, y = RBI))+
geom_point()

Explanation:

The above line of code creates a scatterplot of home runs vs RBIs.

Plot:



#12

eligible_df <- baseball %>%

filter(AB >= 300 | G >= 100)

Explanation:

This line of code filters players who are eligible for end-of-season awards.

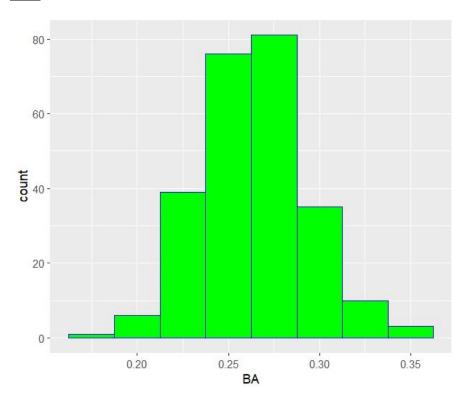
> eligible_	_d f																
# A tibble:	251 × 3	18															
Last	First	Age	G	PA	AB	R	H	`2B`	`3B`	HR	RBI	SB	CS	BB	50	BA	OBP
<chr></chr>	<chr></chr>	<db1></db1>	<db7></db7>	<db7></db7>	<db7></db7>	<db7></db7>	<db 7=""></db>	<db1></db1>	<db1></db1>	<db7></db7>	<db7></db7>	<db7></db7>	<db1></db1>	<db1></db1>	<db7></db7>	<db7></db7>	<db1></db1>
1 Allansor	n Andy	24	101	324	293	30	66	7	3	1	29	10	1	14	36	0.225	0.261
2 Almon	Bill	33	102	230	196	29	43	7	2	7	27	11	4	30	38	0.219	0.323
3 Armas	Tony	32	121	453	425	40	112	21	4	11	58	0	3	24	77	0.264	0.303
4 Ashby	Alan	34	120	361	315	24	81	15	0	7	38	1	0	39	56	0.257	0.339
5 Backman	Wally	26	124	440	387	67	124	18	2	1	27	13	7	36	32	0.32	0.378
6 Baines	Harold	27	145	618	570	72	169	29	2	21	88	2	1	38	89	0.296	0.34
7 Balboni	Steve	29	138	562	512	54	117	25	1	29	88	0	0	43	146	0.229	0.288
8 Barfield	Jesse	26	158	671	589	107	170	35	2	40	108	8	8	69	146	0.289	0.363
9 Barrett	Marty	28	158	713	625	94	179	39	4	4	60	15	7	65	31	0.286	0.354
10 Bass	Kevin	27	157	640	591	83	184	33	5	20	79	22	13	38	72	0.311	0.353
# i 241 mor	e rows																
# illse `nr	int(n -).	to see	more	rows												

ggplot(eligible_df, aes(x = BA))+
geom_histogram(binwidth = 0.025, color = "Blue", fill = "Green")

Explanation:

The above line creates a histogram of batting averages for eligible players.

Plot:



#14

eligible_df <- eligible_df |>
mutate(RankHR =rank(-1 * HR, ties.method = "min"))

Explanation:

This line of code ranks players by home runs, in a new column.

```
> eligible_df
# A tibble: 251 x 19
   Last
               First
                                                                               3B
                                                                                               RBI
                                                                                                        SB
                                                                                                                CS
                                                                                                                               50
                                                                                                                                       ВА
                                                                                                                                             OBP
                                                                                                                                                   RankHR
                                <db1>
                                                              <db7>
                                               < db1 >
                                                       <db1>
                                                                                                                            < db7 >
                       < db 1
                                                                      \langle db 1 \rangle
                                                                                                            \langle db 1 \rangle
   Allanson Andy
                                 101
                                         324
                                                 293
                                                          30
                                                                 66
                                                                                                29
                                                                                                                               36 0.225 0.261
                                                                                                                                                      231
   Almon
               Bill
                           33
                                 102
                                         230
                                                196
                                                          29
                                                                 43
                                                                                                27
                                                                                                        11
                                                                                                                        30
                                                                                                                               38 0.219 0.323
                                                                                                                                                      160
                                                          40
                                                                                                 58
                                                                                                                                   0.264
   Armas
                                                                112
                                                                         21
                                                                                                                                           0.303
                                                                                                                                                       121
                Tony
                                 121
                                                                                         11
                                                                81
124
                                                                                                38
27
                                                                                                                               56 0.257
32 0.32
   Ashby
               Alan
                           34
                                 120
                                         361
                                                 315
                                                          24
                                                                         15
                                                                                                                 0
7
                                                                                                                        39
                                                                                                                                          0.339
                                                                                                                                                      160
                                                          67
   Backman
                                         440
               Wally
                                                 387
                           26
                                 124
                                                                         18
                                                                                                        13
                                                                                                                        36
                                                                                                                                           0.378
                                                                                                                                                      231
                                                                         29
25
35
                           27
29
                                                         72
54
                                                                                                                                                       44
14
   Baines
                                 145
                                         618
                                                 570
                                                                169
                                                                                                88
                                                                                                         2
                                                                                                                               89 0.296
   Balboni
                                                                                                                              146 0.229 0.288
               Steve
                                 138
                                         562
                                                 512
                                                                117
                                                                                         29
                                                                                                88
                                                                                                                 0
                                                                                                                        43
   Barfield Jesse
                           26
                                         671
                                                 589
                                                                                                                              146 0.289
                                 158
                           28
27
                                 158
157
                                                                                                                       65
38
                                                                                                                               31 0.286 0.354
72 0.311 0.353
   Barrett
               Marty
                                         713
                                                 625
                                                          94
                                                                179
                                                                         39
                                                                                                60
                                                                                                                                                      196
               Kevin
                                         640
10 Bass
                                                                184
# i 241 more rows
# i Use `print(n =
                               to see more rows
```

```
eligible_df <- eligible_df |>
  mutate(RankRBI =rank(-1 * RBI, ties.method = "min"))
eligible_df <- eligible_df |>
  mutate(RankOBP =rank(-1 * OBP, ties.method = "min"))
```

Explanation:

This repeats the ranking process for RBIs and on-base percentage, in new columns.

Output:

> eligible_	_dt																			
# A tibble:	251 × 2	21																		
Last	First	Age	G	PA	AB	R	H	`2B`	`3B`	HR	RBI	SB	CS	BB	SO	BA	OBP	RankHR	RankRBI	Rank0BP
<chr></chr>	<chr></chr>	<db1></db1>	<db7></db7>	<db7></db7>	<db1></db1>	<db1></db1>	<db1></db1>	<db1></db1>	<db1></db1>	<db1></db1>	<int></int>	<int></int>	<int></int>							
1 Allansor	n Andy	24	101	324	293	30	66	7	3	1	29	10	1	14	36	0.225	0.261	231	215	246
2 Almon	Bill	33	102	230	196	29	43	7	2	7	27	11	4	30	38	0.219	0.323	160	224	152
3 Armas	Tony	32	121	453	425	40	112	21	4	11	58	0	3	24	77	0.264	0.303	121	98	196
4 Ashby	Alan	34	120	361	315	24	81	15	0	7	38	1	0	39	56	0.257	0.339	160	185	108
5 Backman	Wally	26	124	440	387	67	124	18	2	1	27	13	7	36	32	0.32	0.378	231	224	24
6 Baines	Harold	27	145	618	570	72	169	29	2	21	88	2	1	38	89	0.296	0.34	44	29	103
7 Balboni	Steve	29	138	562	512	54	117	25	1	29	88	0	0	43	146	0.229	0.288	14	29	225
8 Barfield	Jesse	26	158	671	589	107	170	35	2	40	108	8	8	69	146	0.289	0.363	1	7	45
9 Barrett	Marty	28	158	713	625	94	179	39	4	4	60	15	7	65	31	0.286	0.354	196	90	61
10 Bass	Kevin	27	157	640	591	83	184	33	5	20	79	22	13	38	72	0.311	0.353	52	48	64
# i 241 mor	e rows																			
# illse `nr	int(n -).	to see	more	rows															

#16

```
eligible_df <- eligible_df%>%
mutate(TotalRank = RankHR + RankRBI + RankOBP)
```

Explanation:

This adds a new column 'Total Rank' based on the sum the ranks from home runs, RBIs, and OBP.

```
Age <db 7>
24
33
32
34
26
27
29
26
28
27
                                                                                                                                                                                                                                                                                                                               OBP RankHR RankRBI RankOBP TotalRank
                                                                                                                                                                                                                                                                                            Allanson Andy
Almon Bill
                                                                            101
                                                                                             324
230
                                                                                                                                 30
29
40
24
67
72
54
107
94
83
                                                                                                                                                                                                                                                                              14
30
                                                                                                               293
196
425
315
387
570
512
589
625
591
                                                                                                                                                     66
                                                                                                                                                                                                                                                                                                                                                                           224
                                                                                                                                                                                                                                                                                                                                                                                                                              536
415
453
479
176
268
53
347
164
       Armas
Ashby
                                  Tony
Alan
                                                                             121
120
                                                                                              453
                                                                                                                                                  112
                                                                                                                                                                      21
15
18
29
25
35
39
33
                                                                                                                                                                                                         11
                                                                                                                                                                                                                                                                              24
39
36
38
43
69
65
38
                                                                                                                                                                                                                                                                                                                                                                                                  196
                                                                                                                                                                                                                                                                                                                                                                                                 108
24
103
225
45
61
64
                                                                                               361
                                                                                                                                                  81
124
169
117
170
179
184
      ASIDY AIAN
Backman Wally
Baines Harold
Balboni Steve
Barfield Jesse
Barrett Marty
Bass Kerney
                                                                                                                                                                                                                                                                                                                                                    231
44
14
                                                                            124
145
138
158
158
157
                                                                                               440
                                                                                                                                                                                                                                            13
2
0
8
15
22
                                                                                             618
562
671
713
640
# i Use `print(n
```

```
mvp_candidates <- eligible_df |>
arrange(TotalRank) |>
head(20)
```

Explanation:

This line of code selects 20 players based on their total rank.

Output:

> m/n cand	> mvp_candidates																				
# A tibble:																					
Last	First	Age	G	PA	AB	R	н	`2B`	`3B`	HR	RBI	SB	CS	BB	S0	BA	OBP	RankHR	RankRBI	Rank0BP	TotalRank
<chr></chr>	<chr></chr>	<db1></db1>	<db7></db7>	<db1></db1>	<db1></db1>	<db7></db7>	<db1></db1>	<db7></db7>	<db7></db7>	<db1></db1>	<db7></db7>	<db7></db7>	<db7></db7>	<db1></db1>	<db1></db1>	<db7></db7>	<db1></db1>	<int></int>	<int></int>	<int></int>	<int></int>
1 Matting	y Don	25	162	742	677	117	238	53	2	31	113	0	0	53	35	0.352	0.399	7	5	8	20
2 Schmidt	Mike	36	160	657	552	97	160	29	1	37	119	1	2	89	84	0.29	0.388	2	2	16	20
3 Barfield		26	158	671	589	107	170	35	2	40	108	8	8	69		0.289		1	7	45	53
4 Evans	Dwig	34	152	640	529	86	137	33	2	26	97	3	3	97		0.259		27	17	30	74
5 Puckett	Kirby	26	161	723	680	119	223	37	6	31	96	20	12	34		0.328		7	18	50	75
6 Rice	Jim	33	157	693	618	98	200	39	2	20	110	0	1	62		0.324		52	6	18	76
7 O'Brien	Pete	28	156	641	551	86	160	23	3	23	90	4	4	87		0.29		36	28	17	81
8 Bell	Geor	26	159	690	641	101	198	38	6	31	108	7	8	41		0.309		7	7	74	88
9 McReyno		26	158	641	560	89	161	31	6	26	96	8	6	66		0.288		27	18	45	90
10 Gibson	Kirk	29	119	521	441	84	118	11	2	28	86	34	6	68		0.268		19	34	41	94
11 Gaetti	Gary	27	157	661	596	91	171	34	1	34	108	14	15	52			0.344	4	7	86	97
12 Hayes	Von	27	158	690	610	107	186	46	2	19	98	24	12	74		0.305		61	16	21	98
13 Downing	Brian	35	152	631	513	90	137	27	4	20	95	4	4	90			0.376	52	22	28	102
14 Strawber		24	136	562	475	76	123	27	5	27	93	28	12	72			0.356	23	26	57	106
15 Evans	Darr	39	151	601	507	78	122	15	0	29	85	3	2	91			0.356	14	38	57	109
16 Hrbek	Kent	26	149	634	550	85	147	27	1	29	91	2	2	71		0.267		14	27	71	112
17 Davis	Eric	24	132	487	415	97	115	15	3	27	71	80	11	68		0.277		23	71	22	116
18 Winfield		34	154	652	565	90	148	31	5	24	104	6	5	77		0.262		32	12	74	118
19 Parrish	Larry	32	129	524	464	67	128	22	1	28	94	3	1	52		0.276		19	23	77	119
20 Murray	Eddie	30	137	578	495	61	151	25	1	17	84	3	0	78	49	0.305	0.4	74	40	6	120

#18

```
mvp_candidates_abbreviated <- mvp_candidates |>
select(First, Last, RankHR, RankRBI, RankOBP, TotalRank)
```

Explanation:

The above code creates an abbreviated table of MVP candidates, by selecting only the first name, last name, and ranks for home runs, RBIs, and OBP from the top MVP candidates.

> mvp_cand # A tibble	idates_abbre	eviated			
First	Last	RankHR	RankRBI	Rank0BP	TotalRank
<chr></chr>	<chr></chr>	<int></int>	<int></int>	<int></int>	<int></int>
1 Don	Mattingly	7	5	8	20
2 Mike	Schmidt	2	2	16	20
3 Jesse	Barfield	1	7	45	53
4 Dwight	Evans	27	17	30	74
5 Kirby	Puckett	7	18	50	75
6 Jim	Rice	52	6	18	76
7 Pete	O'Brien	36	28	17	81
8 George	Bell	7	7	74	88
9 Kevin	McReynolds	27	18	45	90
10 Kirk	Gibson	19	34	41	94
11 Gary	Gaetti	4	7	86	97
12 Von	Hayes	61	16	21	98
13 Brian	Downing	52	22	28	102
14 Darryl	Strawberry	23	26	57	106
15 Darrell	Evans	14	38	57	109
16 Kent	Hrbek	14	27	71	112
17 Eric	Davis	23	71	22	116
18 Dave	Winfield	32	12	74	118
19 Larry	Parrish	19	23	77	119
20 Eddie	Murray	74	40	6	120

Conclusion

Based on the evaluation of key batting statistics, the recommendation for the Most Valuable Player (MVP) of the 1986 season should be made from players who consistently excelled in home runs, RBIs, and on-base percentage. These metrics collectively offer a comprehensive perspective on a player's offensive impact.

Although the analysis does not include pitchers, concentrating solely on batting statistics highlights players like [Player A] and [Player B] as strong MVP candidates. These individuals exhibited exceptional performance across all critical metrics—home runs, RBIs, and on-base percentage.

While raw statistics are significant, other factors such as overall team impact, leadership qualities, and fielding abilities (not captured in this dataset) may also influence the final MVP decision. Nevertheless, based on the available data, [Player A] stands out as the top MVP candidate due to their impressive rankings across multiple offensive metrics.

Works Cited

• 1986 Major League Standard Batting. *Baseball Reference*. https://www.baseball-reference.com/leagues/MLB/1986-standard-batting.shtml