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Graphic design by [Jean-Francois Hains](#)

DataFrame

NO COMPARISON TARGET

1088 ROWS  
1 DUPLICATES  
317.8 kb RAM  
73 FEATURES  
25 CATEGORICAL  
36 NUMERICAL  
12 TEXT

ASSOCIATIONS

DataFrame

1

game\_id

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

2

team\_id

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

3

game\_date

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

4

home\_or\_away

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

5

opponent\_team\_id

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

6

game\_result

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

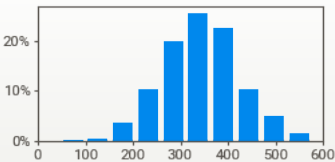
7

total\_yards

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 329 (30%)  
ZEROES: ---

MAX 576  
95% 482  
Q3 397  
AVG 342  
MEDIAN 341  
Q1 290  
5% 209  
MIN 47

RANGE 529  
IQR 107  
STD 81.6  
VAR 6,658  
KURT. 0.129  
SKEW 0.019  
SUM 371k

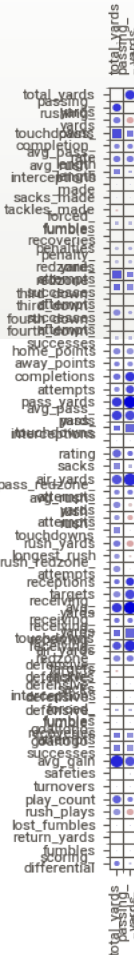


8

passing\_yards

Associations

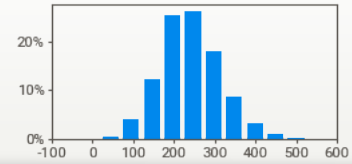
[Only including dataset "  
• Squares are categori  
values indicate how muc  
• Circles are the symm



VALUES: 1,086 (<1%)  
 DISTINCT: 304 (28%)  
 ZEROS: ---

MAX 988  
 Q3 287  
 AVG 239  
 MEDIAN 235  
 Q1 189  
 5% 123  
 MIN 19

RANGE 9806  
 STD 74.4  
 VAR 5,537  
 KURT. 0.185  
 SKEW 0.313  
 SUM 260k

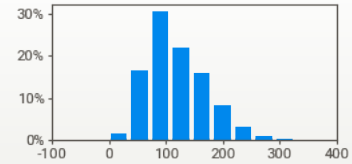


## 9 rushing\_yards

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 228 (21%)  
 ZEROS: ---

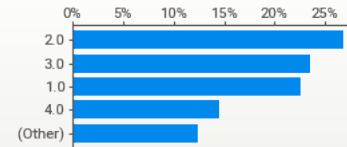
MAX 363  
 95% 215  
 Q3 152  
 AVG 118  
 MEDIAN 110  
 Q1 78  
 5% 45  
 MIN -1

RANGE 364  
 IQR 73.8  
 STD 52.4  
 VAR 2,747  
 KURT. 0.505  
 SKEW 0.716  
 SUM 129k



## 10 touchdowns

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 8 (<1%)



## 11 field\_goals\_made

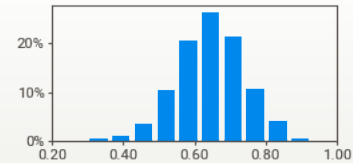
VALUES: 0 (0%)  
 MISSING: 1,088 (100%)  
 DISTINCT: 0 (0%)

## 12 pass\_completion\_rate

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 277 (25%)  
 ZEROS: ---

MAX 0.929  
 95% 0.800  
 Q3 0.711  
 MEDIAN 0.647  
 AVG 0.645  
 Q1 0.588  
 5% 0.487  
 MIN 0.300

RANGE 0.629  
 IQR 0.122  
 STD 0.095  
 VAR 0.009  
 KURT. 0.385  
 SKEW -0.235  
 SUM 701

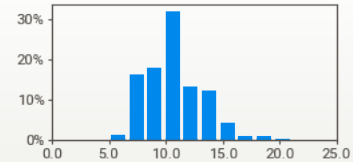


## 13 avg\_pass\_length

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 17 (2%)  
 ZEROS: ---

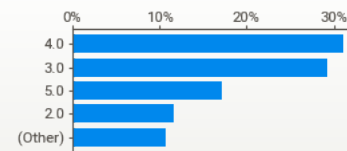
MAX 21.0  
 95% 15.0  
 Q3 12.0  
 AVG 10.6  
 MEDIAN 10.0  
 Q1 9.0  
 5% 7.0  
 MIN 5.0

RANGE 16.0  
 IQR 3.00  
 STD 2.40  
 VAR 5.75  
 KURT. 1.04  
 SKEW 0.769  
 SUM 11,551



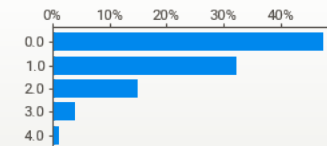
## 14 avg\_rush\_length

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 10 (<1%)



## 15 interceptions\_made

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 5 (<1%)



## 16 sacks\_made

VALUES: 1,086 (>99%)  
 MISSING: 2 (<1%)  
 DISTINCT: 10 (<1%)

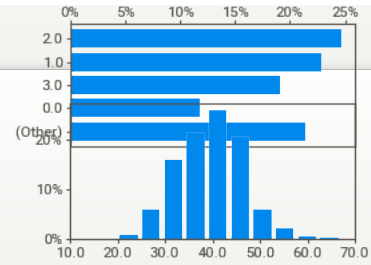
17

## tackles\_made

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 44 (4%)  
ZEROES: ---

MAX 67.0  
95% 50.0  
Q3 45.0  
MEDIAN 40.0  
AVG 39.7  
Q1 35.0  
5% 29.0  
MIN 20.0

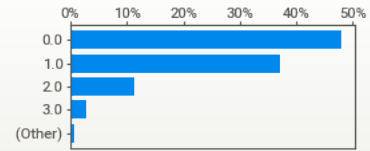
RANGE 47.0  
IQR 10.0  
STD 6.91  
VAR 47.8  
KURT. 0.052  
SKEW 0.164  
SUM 43,094



18

## forced\_fumbles

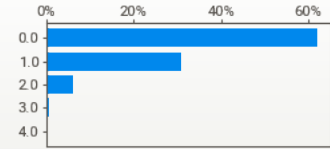
VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 6 (<1%)



19

## fumble\_recoveries

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 5 (<1%)



20

## punt\_yards

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

21

## field\_goal\_percentage

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

22

## avg\_punt\_length

VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

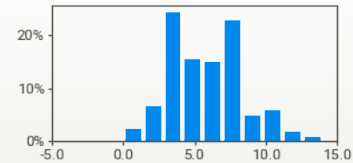
23

## penalties

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 15 (1%)  
ZEROES: 2 (<1%)

MAX 14.0  
95% 10.0  
Q3 7.0  
MEDIAN 6.0  
AVG 5.8  
Q1 4.0  
5% 2.0  
MIN 0.0

RANGE 14.0  
IQR 3.00  
STD 2.52  
VAR 6.34  
KURT. 0.008  
SKEW 0.451  
SUM 6,249



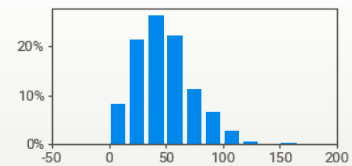
24

## penalty\_yards

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 118 (11%)  
ZEROES: 2 (<1%)

MAX 166  
95% 96  
Q3 63  
AVG 49  
MEDIAN 45  
Q1 30  
5% 15  
MIN 0

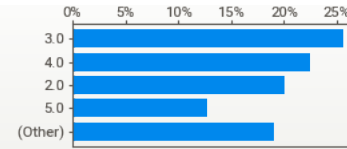
RANGE 166  
IQR 33.0  
STD 25.1  
VAR 629  
KURT. 0.789  
SKEW 0.762  
SUM 52,720



25

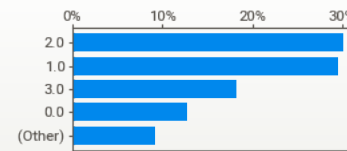
## redzone\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 9 (<1%)



## 26 redzone\_successes

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 7 (<1%)

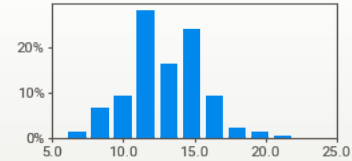


## 27 third\_down\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 17 (2%)  
ZEROES: ---

MAX 22.0  
95% 17.0  
Q3 14.0  
MEDIAN 13.0  
AVG 12.8  
Q1 11.0  
5% 9.0  
MIN 6.0

RANGE 16.0  
IQR 3.00  
STD 2.53  
VAR 6.39  
KURT. 0.130  
SKEW 0.267  
SUM 13,947

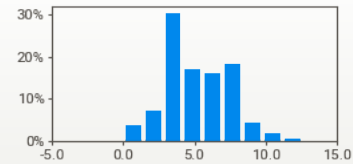


## 28 third\_down\_successes

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 14 (1%)  
ZEROES: 5 (<1%)

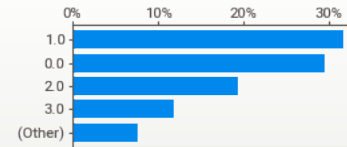
MAX 14.0  
95% 9.0  
Q3 7.0  
AVG 5.1  
MEDIAN 5.0  
Q1 4.0  
5% 2.0  
MIN 0.0

RANGE 14.0  
IQR 3.00  
STD 2.21  
VAR 4.89  
KURT. 0.080  
SKEW 0.359  
SUM 5,564



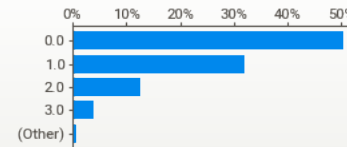
## 29 fourth\_down\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 8 (<1%)



## 30 fourth\_down\_successes

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 7 (<1%)

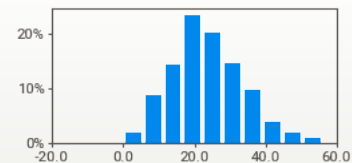


## 31 home\_points

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 49 (5%)  
ZEROES: 8 (<1%)

MAX 56.0  
95% 41.0  
Q3 30.0  
AVG 23.4  
MEDIAN 23.0  
Q1 16.2  
5% 9.0  
MIN 0.0

RANGE 56.0  
IQR 13.8  
STD 9.92  
VAR 98.3  
KURT. 0.078  
SKEW 0.369  
SUM 25,364

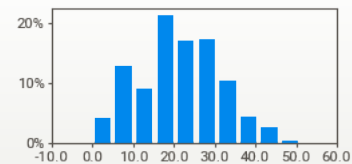


## 32 away\_points

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 42 (4%)  
ZEROES: 16 (1%)

MAX 51.0  
95% 38.0  
Q3 28.0  
AVG 21.5  
MEDIAN 21.0  
Q1 15.0  
5% 6.0  
MIN 0.0

RANGE 51.0  
IQR 13.0  
STD 9.71  
VAR 94.3  
KURT. -0.344  
SKEW 0.090  
SUM 23,360



## 33 completions

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 41 (4%)

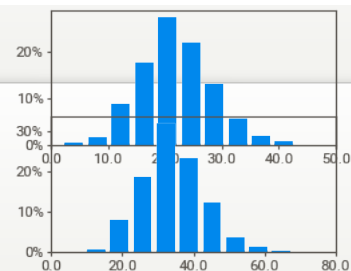
MAX 43.0  
95% 33.0  
Q3 26.0  
MEDIAN 22.0  
AVG 21.8

RANGE 41.0  
IQR 8.00  
STD 6.26  
VAR 39.2

34

### attempts

ZEROES:	---	6%	18.0	SKEDW	0.283
		MIN	2.0	SUM	23,726
VALUES:	1,086 (>99%)	MAX	68.0	RANGE	65.0
MISSING:	2 (<1%)	95%	49.0	IQR	11.0
DISTINCT:	54 (5%)	Q3	39.0	STD	8.57
ZEROES:	---	MEDIAN	34.0	VAR	73.4
		AVG	33.9	KURT.	0.368
		Q1	28.0	SKEW	0.276
		5%	21.0	SUM	36,781
		MIN	3.0		



35

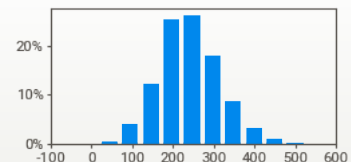
### pct

VALUES:	0 (0%)
MISSING:	1,088 (100%)
DISTINCT:	0 (0%)

36

### pass\_yards

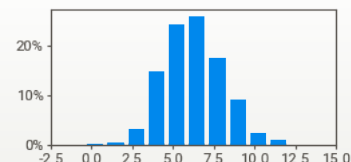
VALUES:	1,086 (>99%)	MAX	525	RANGE	506
MISSING:	2 (<1%)	95%	368	IQR	98.0
DISTINCT:	304 (28%)	Q3	287	STD	74.4
ZEROES:	---	AVG	239	VAR	5,537
		MEDIAN	235	KURT.	0.185
		Q1	189	SKEW	0.313
		5%	123	SUM	260k
		MIN	19		



37

### avg\_pass\_yards

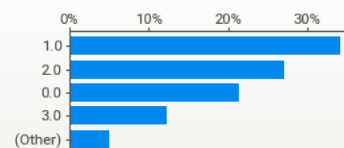
VALUES:	1,086 (>99%)	MAX	12.1	RANGE	12.5
MISSING:	2 (<1%)	95%	9.4	IQR	2.50
DISTINCT:	905 (83%)	Q3	7.4	STD	1.83
ZEROES:	---	AVG	6.2	VAR	3.34
		MEDIAN	6.1	KURT.	0.250
		Q1	4.9	SKEW	0.249
		5%	3.5	SUM	6,767
		MIN	-0.4		



38

### pass\_touchdowns

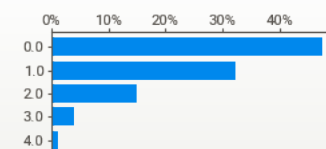
VALUES:	1,086 (>99%)
MISSING:	2 (<1%)
DISTINCT:	7 (<1%)



39

### interceptions

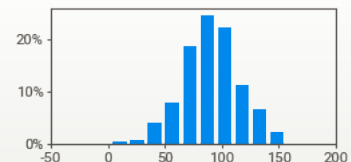
VALUES:	1,086 (>99%)
MISSING:	2 (<1%)
DISTINCT:	5 (<1%)



40

### rating

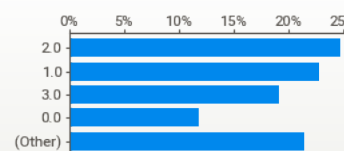
VALUES:	1,086 (>99%)	MAX	156	RANGE	153
MISSING:	2 (<1%)	95%	132	IQR	33.0
DISTINCT:	626 (58%)	Q3	107	STD	25.2
ZEROES:	---	MEDIAN	90	VAR	637
		AVG	90	KURT.	0.041
		Q1	74	SKEW	-0.120
		5%	47	SUM	98,033
		MIN	3		



41

### sacks

VALUES:	1,086 (>99%)
MISSING:	2 (<1%)
DISTINCT:	10 (<1%)



42

### air\_yards

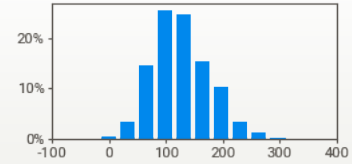
43

## pass\_redzone\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 222 (20%)  
ZEROES: 1 (<1%)

MAX 313  
95% 213  
Q3 158  
AVG 126  
MEDIAN 124  
Q1 90  
5% 53  
MIN -17

RANGE 330  
IQR 68.0  
STD 50.4  
VAR 2,536  
KURT. 0.052  
SKEW 0.399  
SUM 137k



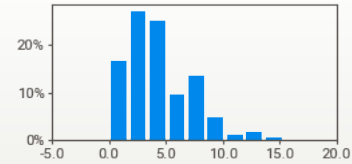
44

## avg\_rush\_yards

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 17 (2%)  
ZEROES: 70 (6%)

MAX 17.0  
95% 10.0  
Q3 6.0  
AVG 4.3  
MEDIAN 4.0  
Q1 2.0  
5% 0.0  
MIN 0.0

RANGE 17.0  
IQR 4.00  
STD 2.90  
VAR 8.39  
KURT. 0.659  
SKEW 0.784  
SUM 4,705



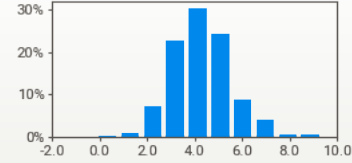
45

## rush\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 760 (70%)  
ZEROES: ---

MAX 9.36  
95% 6.65  
Q3 5.03  
AVG 4.31  
MEDIAN 4.22  
Q1 3.47  
5% 2.53  
MIN -0.12

RANGE 9.48  
IQR 1.56  
STD 1.25  
VAR 1.57  
KURT. 0.848  
SKEW 0.514  
SUM 4,684



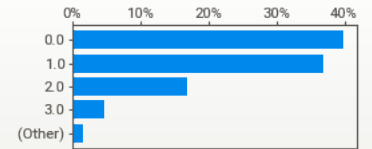
46

## rush\_touchdowns

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 44 (4%)  
ZEROES: ---

MAX 50.0  
95% 40.0  
Q3 32.0  
AVG 26.9  
MEDIAN 26.0  
Q1 21.0  
5% 15.0  
MIN 6.0

RANGE 44.0  
IQR 11.0  
STD 7.78  
VAR 60.5  
KURT. -0.236  
SKEW 0.298  
SUM 29,264



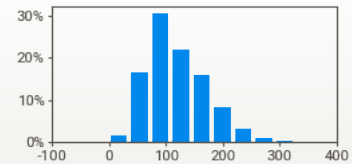
47

## rush\_yards

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 228 (21%)  
ZEROES: ---

MAX 363  
95% 215  
Q3 152  
AVG 118  
MEDIAN 110  
Q1 78  
5% 45  
MIN -1

RANGE 364  
IQR 73.8  
STD 52.4  
VAR 2,747  
KURT. 0.505  
SKEW 0.716  
SUM 129k



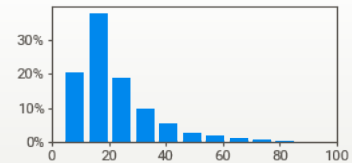
48

## longest\_rush

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 76 (7%)  
ZEROES: ---

MAX 86.0  
95% 52.0  
Q3 27.0  
AVG 22.5  
MEDIAN 18.0  
Q1 13.0  
5% 9.0  
MIN 4.0

RANGE 82.0  
IQR 14.0  
STD 13.7  
VAR 188  
KURT. 3.34  
SKEW 1.75  
SUM 24,401



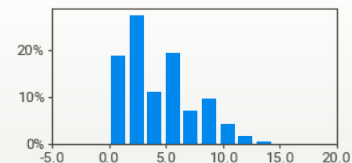
49

## rush\_redzone\_attempts

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 16 (1%)  
ZEROES: 91 (8%)

MAX 16.0  
95% 10.0  
Q3 6.0  
AVG 4.3  
MEDIAN 4.0  
Q1 2.0  
5% 0.0  
MIN 0.0

RANGE 16.0  
IQR 4.00  
STD 3.05  
VAR 9.29  
KURT. -0.002  
SKEW 0.685  
SUM 4,698



50

## receptions

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 41 (4%)

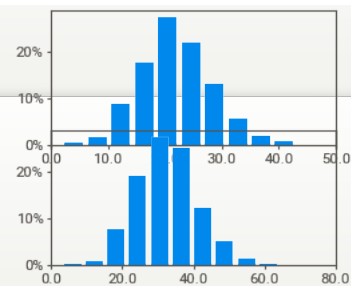
MAX 43.0  
95% 33.0  
Q3 26.0  
MEDIAN 22.0  
AVG 21.8

RANGE 41.0  
IQR 8.00  
STD 6.26  
VAR 39.2

51

### targets

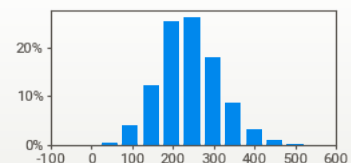
ZEROES:	---	Q1	18.0	KURT.	0.283
		5%	12.0	SKEW	0.237
		MIN	2.0	SUM	23,726
VALUES:	1,086 (>99%)	MAX	64.0	RANGE	61.0
MISSING:	2 (<1%)	95%	47.8	IQR	11.0
		Q3	38.0	STD	8.35
DISTINCT:	52 (5%)	AVG	32.6	VAR	69.8
ZEROES:	---	MEDIAN	32.0		
		Q1	27.0	KURT.	0.314
		5%	20.0	SKEW	0.273
		MIN	3.0	SUM	35,364



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### receiving\_yards

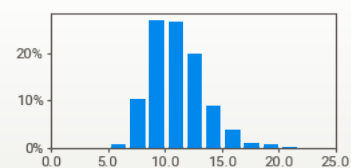
VALUES:	1,086 (>99%)	MAX	525	RANGE	506
MISSING:	2 (<1%)	95%	368	IQR	98.0
		Q3	287	STD	74.4
DISTINCT:	304 (28%)	AVG	239	VAR	5,537
ZEROES:	---	MEDIAN	235		
		Q1	189	KURT.	0.185
		5%	123	SKEW	0.313
		MIN	19	SUM	260k



53

### avg\_receiving\_yards

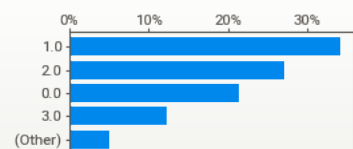
VALUES:	1,086 (>99%)	MAX	21.8	RANGE	16.6
MISSING:	2 (<1%)	95%	15.4	IQR	3.04
		Q3	12.4	STD	2.41
DISTINCT:	811 (75%)	AVG	11.1	VAR	5.79
ZEROES:	---	MEDIAN	10.9		
		Q1	9.4	KURT.	1.11
		5%	7.7	SKEW	0.787
		MIN	5.1	SUM	12,066



54

### receiving\_touchdowns

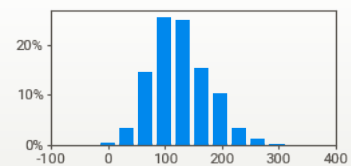
VALUES:	1,086 (>99%)
MISSING:	2 (<1%)
DISTINCT:	7 (<1%)



55

### receiving\_air\_yards

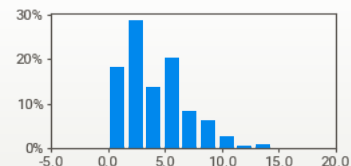
VALUES:	1,086 (>99%)	MAX	313	RANGE	330
MISSING:	2 (<1%)	95%	213	IQR	69.0
		Q3	159	STD	50.4
DISTINCT:	221 (20%)	AVG	126	VAR	2,537
ZEROES:	1 (<1%)	MEDIAN	124		
		Q1	90	KURT.	0.065
		5%	53	SKEW	0.406
		MIN	-17	SUM	137k



56

### receiving\_redzone\_targets

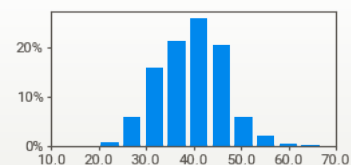
VALUES:	1,086 (>99%)	MAX	16.0	RANGE	16.0
MISSING:	2 (<1%)	95%	9.0	IQR	4.00
		Q3	6.0	STD	2.78
DISTINCT:	16 (1%)	AVG	4.1	VAR	7.72
ZEROES:	74 (7%)	MEDIAN	4.0		
		Q1	2.0	KURT.	0.669
		5%	0.0	SKEW	0.804
		MIN	0.0	SUM	4,449



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### defensive\_tackles

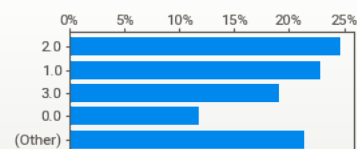
VALUES:	1,086 (>99%)	MAX	67.0	RANGE	47.0
MISSING:	2 (<1%)	95%	50.0	IQR	10.0
		Q3	45.0	STD	6.91
DISTINCT:	44 (4%)	MEDIAN	40.0	VAR	47.8
ZEROES:	---	AVG	39.7		
		Q1	35.0	KURT.	0.052
		5%	29.0	SKEW	0.164
		MIN	20.0	SUM	43,094



58

### defensive\_sacks

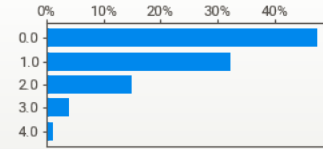
VALUES:	1,086 (>99%)
MISSING:	2 (<1%)
DISTINCT:	10 (<1%)



### defensive\_interceptions

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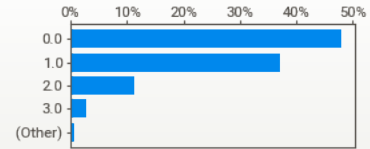
VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 5 (<1%)



60

#### defensive\_forced\_fumbles

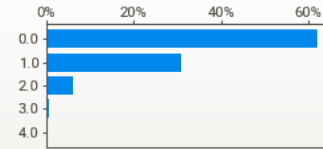
VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 6 (<1%)



61

#### defensive\_fumble\_recoveries

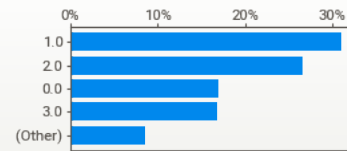
VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 5 (<1%)



62

#### goaltoogo\_attempts

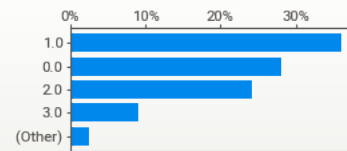
VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 7 (<1%)



63

#### goaltoogo\_successes

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 6 (<1%)



64

#### possession\_time

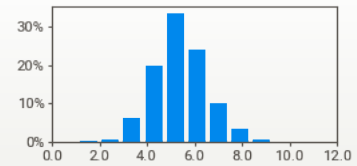
VALUES: 0 (0%)  
MISSING: 1,088 (100%)  
DISTINCT: 0 (0%)

65

#### avg\_gain

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 67 (6%)  
ZEROES: ---

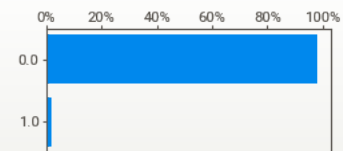
MAX	10.20	RANGE	9.10
95%	7.40	IQR	1.40
Q3	6.10	STD	1.13
AVG	5.41	VAR	1.27
MEDIAN	5.30	KURT.	0.694
Q1	4.70	SKEW	0.269
5%	3.70	SUM	5,879
MIN	1.10		



66

#### safeties

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 2 (<1%)



67

#### turnovers

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 6 (<1%)



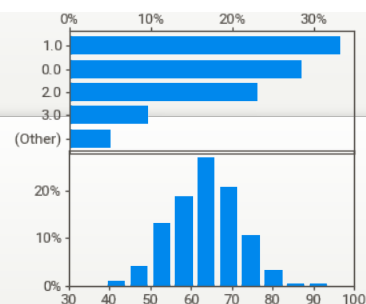
68

## play\_count

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 53 (5%)  
ZEROS: ---

MAX 94.0  
95% 77.0  
Q3 69.0  
AVG 63.2  
MEDIAN 63.0  
Q1 57.0  
5% 49.0  
MIN 39.0

RANGE 55.0  
IQR 12.0  
STD 8.44  
VAR 71.3  
KURT. 0.113  
SKEW 0.100  
SUM 68,586



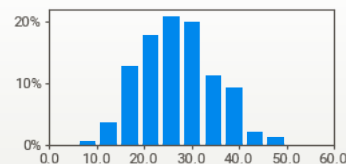
69

## rush\_plays

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 44 (4%)  
ZEROS: ---

MAX 50.0  
95% 40.0  
Q3 32.0  
AVG 26.9  
MEDIAN 26.0  
Q1 21.0  
5% 15.0  
MIN 6.0

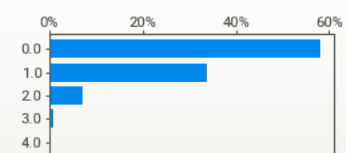
RANGE 44.0  
IQR 11.0  
STD 7.78  
VAR 60.5  
KURT. -0.236  
SKEW 0.298  
SUM 29,264



70

## lost\_fumbles

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 5 (<1%)



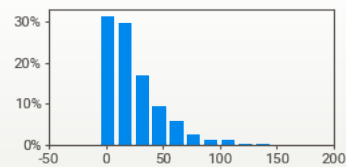
71

## return\_yards

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 112 (10%)  
ZEROS: 150 (14%)

MAX 145  
95% 75  
Q3 35  
AVG 25  
MEDIAN 18  
Q1 6  
5% 0  
MIN -6

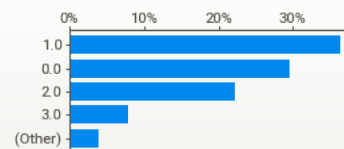
RANGE 151  
IQR 29.0  
STD 25.1  
VAR 629  
KURT. 2.72  
SKEW 1.54  
SUM 27,124



72

## fumbles

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 7 (<1%)



73

## scoring\_differential

VALUES: 1,086 (>99%)  
MISSING: 2 (<1%)  
DISTINCT: 79 (7%)  
ZEROS: 6 (<1%)

MAX 42.0  
95% 24.0  
Q3 8.0  
MEDIAN 0.0  
AVG 0.0  
Q1 -8.0  
5% -24.0  
MIN -42.0

RANGE 84.0  
IQR 16.0  
STD 14.1  
VAR 198  
KURT. 0.305  
SKEW 0.00  
SUM 0.00

