

Chris Harden, Zach Knowlton

# Predicting NBA players

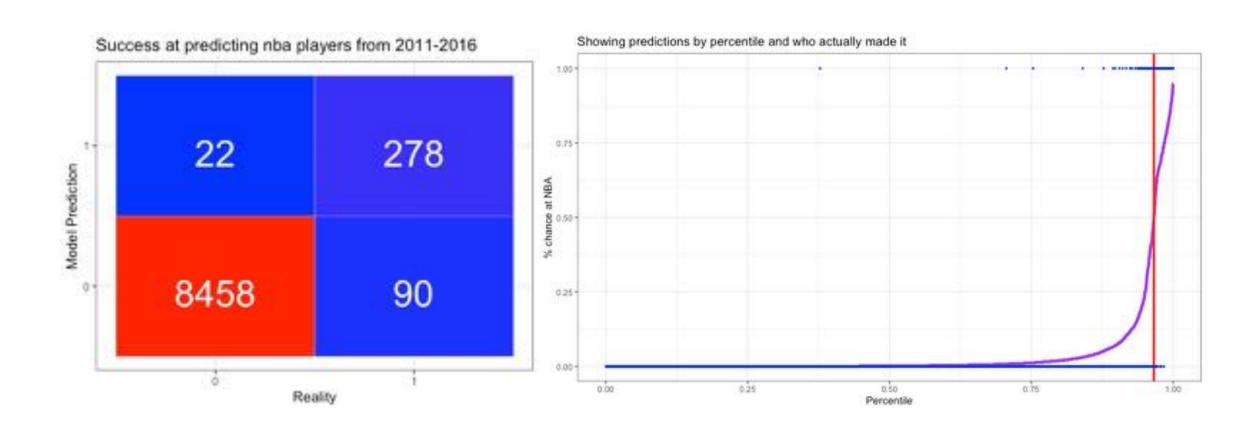
### Data

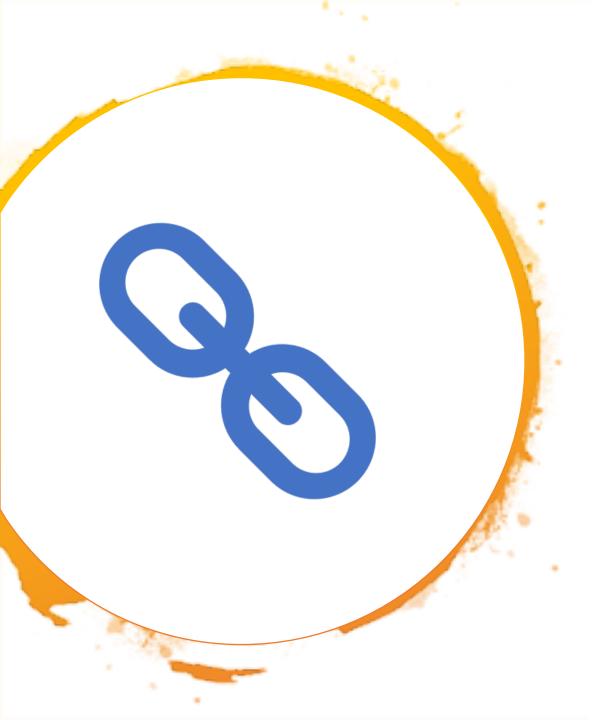
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A 8	- 6	3		10	0 1		1	1 1		6	M	, N		0		O.	- 1
glayer school ye	orsten g	go.	mp	- 14	fps	16.7		к2ре	169.7	10		кбре	slip	2 4	**		
patrick autorifords	2986	26	0	2.4	D.A.	1.6	9.477	0.6	1.1	0.486	0.1		0.8	8.429	0.4	0.7	0.5
chra-abbour South Carolin	1986	.11	1	5.7	0.3	2.6	0.185	0.2	0.6	0.385	. 0		0		9.5	0.9	0.6
also-abdelnel Duke	1986	534	17	14.8	2.3	5.6	0.589	3.3	5.6	0.599	0		0		1.6	2.5	0.7
henn abrama George Mass	1986	60	0	4	0.6	1.7	9.489	0.8	16	0.489	0		.0	9.5	0.6	0.7	0.5
harddacoff, fervesee (t)	1986	34		2.6	0.4	1.2	0.81	0.4	1.2	0.31					0.8	0.9	0.9
erc adams it Hardin-Simmi	1986	36	48.	90	5.8	11.6	3.496	2.9	5.5	2.523	2.9		6.2	0.475	2.5		0.6
george-ediam New Maxico	1986	35	1	16.6	2.4	5.7	0.402	2.4	5.5	0.438	. 0		0.3	. 0	1.6		0.5
i incher edderly Indiana State	1986	50	17	17.6	1.5	3.4	0.494	1.1		0.441	0.2		0.4	9,380	1.1	1.8	0.3
setney actions Memphis	1986	19	0	6.7	0.3	1.4	0.182	0.3	1.1	0.15	0.1		2.5	#339	0.2	0.4	0.1
1 mile-antiers-1 Snortana	1980	47	18	12.1	1.1	2.7	0.422	0.9	1.6	0.529	0.8		1.1	8275	0.6	0.6	0.7
Olderni-aktric Indiana State	1986	59	29	- 1	0.4	1.4	0.286	0.4	1.4	0.288	. 0		0		0.7	1.3	0.5
I den-ektro-1 (dahe	1980	49	0	3.6	0.5	9.9	9.531	0.5	0.3	9.511	0				0.4	0.7	9.6
tomalasi Manhattan	1986		0			2.5	0		0.5	a	. 0				0.1	0.5	.0.
5 but-alter-1 Buckel	3986	39	0	3.6	0.8	3.3	0.549	0.6	3.5	0.545	. 0				0.5	0.7	0.0
i Giron-elleme (Gife State	2986	58	0		0.6	2	0.412	0.6	2	0.412	. 0		0		0.0	0.6	0.9
7 anthony aler Georgetown	1986	98	29	11.2	0.8	1.7	0.5	0.8	1.7	9.5	. 0		. 0		9.6	0.9	0.0
Travallen 1 Ole Miss	2986	17	0	3.8	0.3	3.4	0.167	0.3	1.3	0.15	0.1		0.3	0.35	0.8	0.5	0.6
5 pragration 1 Honda A&M	1989	76		15.9	2.5	4.9	9.533	2.5	4.7	0.521	0.1		0.2	0.353	1.9	2.9	0.6
ed-allen-3 Peppendine	1986	30	36	24.2	4.1	5.9	0.431	3.7	8.5	0.461	9.6		1.8	0.309	1.3	1.5	0.8
1. james-ellen 2 kösha	1986	30	26	26.6	1.9	- 5	0.387	3.6	4.4	0.0%	0.1		0.4	0.5	0.9	1.6	0.5
Syron almon Leyela (MS)	1986	80	26	31.5	1.1	2.2	0.407	2.9	2	0.42	0.8		0.8	0.361	1.6	2.3	0.6
1 byron-almont Loyala (MD)	2986	24			8.7	2	0.162	0.7	. 2	0.862	0		0		0.8	0.8	0.8
sean-alvered fanse	1986	40	6	11.5	1.2	2.5	0.483	1.2	2.5	0.463	. 0		0.		1.3	1.9	- 1
5 anthony and: Sethure Cool	1986	35			5.1	19.7	0.481	5.1	10.3	5.493	0.1		0.4	0.15	2.4	1	0.
5. Setun-endersi San Diego	1986	12	0	8.7	0.6	1.3	0.408	0.6	1.2	2.5	. 0		0.3		0.2	0.2	
7 orași endera; Cincinnarii	1986	. 5	0	3	6.3	2.6	2.111	1.0	0.6	0.100	. 0		0.		0	. 0	
jeff-anderson Southern Illin-	1986		0	1.5	0	0.2	0	0	0.2	0	.0		0.		0	0.3	
karl undersor Weber State	1986	36	. 0	8.5	0.8	2.7	0.304	0.7	2.3	9.263	0.2		0.3	0.444	0.6	- 1	.0.
mile antene Guetal Caroli	1986	94	29	23.7	3.3	6.2	0.525	8.2	6.2	0.525	. 0		.0		3.1	2.1	0.6
rick-endersor Eastern Mich	1986	3%			0.3	0.7	0.169	0.5	06	0.875	. 0		81	0.5	0.2	0.8	0.
_anderson-7 South Carolin	1986	10			0.3	5.7	0.176	0.1	1.7	0.176	0				0.7	1.3	0.5
liefvandrev: U.S. Internati	1986	28	24	28.4	6.4	5.1	0.488	6.1	61	0.511	0.5		- 1	1.290	3.6	4.8	6.7
d a look-come d																	

<sup>\*</sup>For the model so far, all data is from basketball-reference.com

names	
mahmoud-abdul-	
rauf-2	
tariq-abdul-wahad	-1
shareef-abdur-rah	im
1	20170
alex-abrines-1	
alex-acker-1	
quincy-acy-1	
hassan-adams-1	
jaylen-adams-1	
jordan-adams-1	
michael-adams-1	
steven-adams-1	
rafael-addison-1	
bam-adebayo-1	
deng-adel-1	
jeff-adrien-1	
arron-afflalo-1	
maurice-ager-1	
blake-ahearn-1	

#### Model Results





## Results -> Shiny App

- I've sent the link to the shiny app to you in the chat! Check it out
- Potter Shiny <- clickable link to https://christopherharden.shinyapps.io/shiny1/



# Limitations/Future Research

- Some of the things we were unable to evaluate now but would look to do in the future:
  - International & high school stats incorporated into the creation of the model
  - A factor that represents their division or level of competition (for now we just have school & sos factored in)
  - Project their actual NBA/Professional Earnings
  - Does not include 2020 draftees as NBA players yet
  - Requires int'l, and lower-division college players to be put in manually

# Questions?