

NBA Performance Insights Dashboard:

Project Link: [NBA Stats : Totals 2022-23](#)

Project Aim:

Analysing the historical performance of NBA players for the year 2022 - 2023, finding the link b/w player efficiency & team success. A dynamic gateway to uncover the winning formula behind players efficiency & team success. A data driven approach to redefine game's dynamics. Some main objectives are as follows:

- Dynamic Chart – Player Performance within the team
- Player Comparison tool
- Player Profile & Comparison
- Build a framework for all the visualisations.

Data Reference:

Basketball Reference Stats Year 2022 - 2023: https://www.basketball-reference.com/leagues/NBA_2023.html

Data Dictionary & Team Names:

Metric	Definition
Rk	Rank
Player	Player Name
Pos	Possession
Age	Age
Tm	Team
G	Games
GS	Games Started/Games Played
MP	Minutes Played
FG	Field Goals
FGA	Field Goals Attempted
FG%	Field Goals %
3P	3 Point Field Goal
3PA	3 Point Field Goals Attempted
3P%	3 Point Field Goal Percentage
2P	2 Point Field Goal
2PA	2 Point Field Goals Attempted
2P%	2 Point Field Goal Percentage
eFG%	Effective Field Goal Percentage
FT	Free Throw
FTA	Free Throws Attempted
FT%	Free Throw Percentage
ORB	Offensive Rebounds
DRB	Defensive Rebounds
TRB	Total Rebounding Percentage
AST	Assists

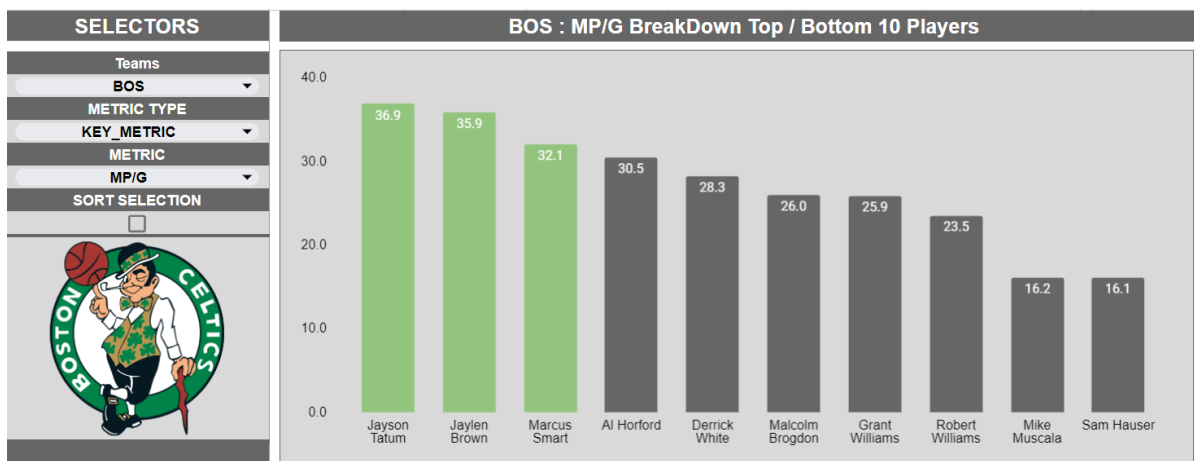
Team	Team Name
ATL	Atlanta Hawks
BOS	Boston Celtics
BRK	Brooklyn Nets
CHI	Chicago Bulls
CHO	Charlotte Hornets
CLE	Cleveland Cavaliers
DAL	Dallas Mavericks
DEN	Denver Nuggets
DET	Detroit Pistons
GSW	Golden State Warriors
HOU	Houston Rockets
IND	Indiana Pacers
LAC	LA Clippers
LAL	Los Angeles Lakers
MEM	Memphis Grizzlies
MIA	Miami HEAT
MIL	Milwaukee Bucks
MIN	Minnesota Timberwolves
NOP	New Orleans Pelicans
NYK	New York Knicks
OKC	Oklahoma City Thunder
ORL	Orlando Magic
PHI	Philadelphia 76ers
PHO	Phoenix Suns
POR	Portland Trail Blazers

STL	Steals
BLK	Blocks
TOV	Turnovers
PF	Personal Fouls
PTS	Points












SAC	Sacramento King
SAS	San Antonio Spurs
TOR	Toronto Raptors
TOT	NBA
UTA	Utah Jazz
WAS	Washington Wizards

Dashboards:

Player Performance:



Player Comparison Tool:

SELECTORS		PLAYER COMPARISON TOOL						
LEAGUE AVERAGES PLAYERS WHERE AVERAGE BETWEEN 0 AND 40 PER GAME		LEAGUE AVERAGE	Jayson Tatum	Devin Booker	Joel Embiid	Stephen Curry	LeBron James	
			SF BOS	SG PHO	C PHI	PG GSW	PF LAL	
								
LARGEST VALUE								
METRIC TYPE		Age	26	24	26	28	34	38
TOTAL_STATS		G	43	74	53	66	56	55
MINIMUM MP/G		GS	20	74	53	66	56	54
0		MP	986	2732	1835	2284	1941	1954
MAXIMUM MP/G		PTS	464	2225	1471	2183	1648	1590
40		FG	170	727	527	728	559	609
		FGA	358	1559	1067	1328	1133	1219
PLAYERS		3P	51	240	111	66	273	121
Jayson Tatum		3PA	141	686	316	200	639	377
		2P	119	487	416	662	286	488
Devin Booker		2PA	217	873	751	1128	494	842
		FT	74	531	306	661	257	251
		FTA	94	622	358	771	281	327
		ORB	42	78	46	113	39	65
Joel Embiid		DRB	134	571	194	557	302	392
		TRB	176	649	240	670	341	457
		AST	103	342	293	274	352	375
		STL	30	78	51	66	52	50
Stephen Curry		BLK	19	51	18	112	20	32
		TOV	54	213	145	226	179	178
		PF	81	160	159	205	117	88
LeBron James		FG%	46%	47%	49%	55%	49%	50%
		3P%	33%	35%	35%	33%	43%	32%
		2P%	53%	56%	55%	59%	58%	58%
		eFG%	54%	54%	55%	57%	61%	55%
		FT%	75%	85%	86%	86%	92%	77%

