Section Column	NBAdb Toolbox D	ata Dictionary					Last updated July 15th, 2025
Sample Communication Com	Table	Column	Data Type	Nullable	Join with	Description	Example/Note
Sersion	Season	SeasonID	int	NO	-	Year in which NBA season started. Unique ID	2024-2025 SeasonID value = 2024
Normal New Year Normal New Year Normal Year No	Season	ChampionID	int	YES	TeamID	TeamID of NBA Champion	2024 = 1610612760 (OKC)
Separation	Season	Games	int	YES		How many Regular season games were played that we have data for	2024 = 1230, 2023 = 1230, 2019 = 1059, 2020 = 1080
Sesone S						How many Playoff games were played that we have data for.	
State	Season	PlayoffGames	int	YES		NBA Cup & Play-in included	2024 = 91 = 84 Playoff, 6 Play-in, 1 NBA Cup Final
Train	Season	HistoricLoaded	int	YES		Completed load from Data Files/Historic data source	
Town	Season	CurrentLoaded	int	YES		Completed load from NBA Endpoints	
Fam	Team	SeasonID	int	NO	Season.SeasonID	-	
Town Name vaschor YS Team Name Pelcams Oppers, Lakers, Pecers Flam Fince of varchar YS Int Fam Name Pelcams – NOP, Clappers – LAC Tourn Lossey int YS Tout Man after Regular Season is concluded Pelcams – NOP, Clappers – LAC Tourn Lossey int YS Concate-And name of Team (NOP) New Orleans, Pelcans Earn Conference varchar YS Conservance of Team (NOP) New Orleans, Pelcans Tourn Division varchar YS Conservance of Team Sauthers Arena ArenalD int NO - Interpolate of Team Sauthers Arena Clay varchar YS Farm. Fearr Unique destritler for each Arena Sauthers Arena Clay varchar YS Farm. Fearr Clay in which Arena is located Arena Name varchar YS Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena Arena A	Team	TeamID	int	NO	-	Unique identifier for each team	
Imam	Team	City	varchar	YES		City/State Team plays in or is named for	New Orleans, LA, Los Angeles, Indiana
Train	Team	Name	varchar	YES		Team Name	Pelicans, Clippers, Lakers, Pacers
Tourn Cussus int YSS Tout Losses after Regular Season is concluded MCMP New Orleans Pelicans Isam Conterence varchart YSS Contenence or I Earn (MCP) New Orleans Pelicans Isam Oxidor varchart YSS Contenence or I Earn (Earth or West Isam Oxidor varchart YSS Contenence or I Earn Southeast, Allantic, etc Arena Assact D Int NO Season.SeasonID - Using identifier for each Arena Arena Assact D Int NO Season.EasonID - Using identifier for each Arena Arena City varchart YSS Country in which Arena is located - Arena Assact D varchart YSS Country in which Arena is located - Arena Assact D varchart YSS State Country in which Arena is located - Arena StreekAdress varchart YSS State Country in which Arena is located - Arena StreekAdress varchart </td <td>Team</td> <td>Tricode</td> <td>varchar</td> <td>YES</td> <td></td> <td>Team 3 letter Code</td> <td>Pelicans = NOP, Clippers = LAC</td>	Team	Tricode	varchar	YES		Team 3 letter Code	Pelicans = NOP, Clippers = LAC
Tourn	Team	Wins	int	YES		Total Wins after Regular Season is concluded	
Team	Team	Losses	int	YES		Total Losses after Regular Season is concluded	
Team	Team	FullName	varchar	YES		Concatenated name of Team	(NOP) New Orleans Pelicans
Team		Conference				Conference of Team	
Amena SeasonID Int NO SeasonSaonID		Division	varchar			Division of Team	Southeast, Atlantic, etc
Amenal ArenalD Int NO - Unique identifier for each Arena (EarnalD of EarnalD of Earn		SeasonID	int		Season.SeasonID	-	
Asena ToamBD Int VES Team. Jeen Caliguant of City Country Vest of Country Country Vest of Country Country Vest of Country Country of Which Arena is located Image: Country in Whic		ArenalD			-	Unique identifier for each Arena	
Apena City varchar YES Country in which Arena is located Arena Country varchar YES Country in which Arena is located Arena Name varchar YES Name of Arena Arena PostalCode varchar YES State mythich Arena is located Arena State varchar YES State in which Arena is located Arena State (Address) varchar YES State in which Arena is located Arena Timezone varchar YES Address of Arena Official Official (Difficial) Int NO Season.SeasonID Int mezone in which Arena is located Official Official (Difficial) Int NO SeasonID Int mezone in which Arena is located Official Official (Difficial) Int NO SeasonID Int mezone in which Arena is located Official Official (Difficial) Int NO Season.SeasonID Int mezone in which Arena is located Official Official Official Int mez		TeamID		YES	Team.TeamID		
ARENA Country VES Country in which Arena is located Arena Name varchar YES Name of Arena Arena PostaCode varchar YES Zjo or Postat Code in which Arena is located Arena State varchar YES State in which Arena is located Arena StreetAddress varchar YES Address of Arena Arena Timezone varchar YES Lulique identifier for each Official Official Name varchar YES Season. SeasonID Int NO Season. SeasonID Rigyer Name varchar YES Full Name of Ployer Ployer Position varchar YES Number of Ployer							
Arena Name varchar YES Name of Arena Capacit Code varchar YES Zjo or Postal Code in which Arena is located Capacit Code In Cod							
Anema PostalCode varchar YES State Zip or Postal Code in which Arena is located Control Code Control Code Control Code							
Arena State varchar YES State in which Arena is located Arena StreetAddress varchar YES Address of Arena Arena Timezone varchar YES Address of Arena Official SeasonID Int NO SeasonID - Official Name varchar YES Unique identifier for each Official Official Number varchar YES Full name of Official Player SeasonID Int NO Season.SeasonID - Player PlayerD Int NO Season.SeasonID - Interest Number of Official Player Player PlayerID Int NO Season.SeasonID - Interest Number of Player Player Number varchar YES Full Number of Player Player Postion varchar YES Number of Player Player Postion varchar YES If Player starts at a certain position, value is filled Game							
Arena StreetAddress varchar YES Address of Arena Address of Arena Immezone in which Arena is located Immezone in which Arena is located<							
Arena Timezone varchar							
Official SeasonID int NO Season.SeasonID - Official OfficialD int NO - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
Official Official Dofficial Name Official Varehar VES Unique identifier for each Official Full name of Player Player Player Player Player Full name of Pla					Season.SeasonID	-	
Official Name varchar VES Jersey Number of Official Number Varchar VES					-	Unique identifier for each Official	
Official Number varchar YES Jersey Number of Official Player SeasonID int NO SeasonID - Player PlayerID int NO Unique identifier for each Player - Player Number varchar YES Full Name of Player - Player Position varchar YES Number of Player - Player Position varchar YES Number of Player - Game SeasonID int NO Season.SeasonID - - Game GameID int NO Season.SeasonID - - Game Date date YES Date of Game Game - Game Date date YES Date of Game Regular Season = RS, Postseason = PS, Postseason = P							
Player SeasonID int NO Season.SeasonID - Player PlayerID int NO - Ulrique identifier for each Player Player Name varchar YES Full Name of Player Player Position varchar YES Number of Player Player Position varchar YES If Player starts at a certain position, value is filled Game SeasonID int NO - Unique identifier for each Game Game GameID int NO - Unique identifier for each Game Game GameID int NO - Unique identifier for each Game Game Date of GameID int NO - Unique identifier for each Game Game Date of GameID int NO - Unique identifier for each Game Regular Season = RS, Postseason = RS,							
Player Player Name varchar YES Lul Name of Player Player Number varchar YES Full Name of Player Player Number varchar YES Mumber of Player Player Position varchar YES If Player starts at a certain position, value is filled Game SeasonID int NO Season.SeasonID - Game GameID int NO Season.SeasonID - Game Date date YES Date of Game Game Date date YES Date of Game Game GameType varchar YES Type of game Regular Season = RS, Postseason = PS, Game HomeID int YES Team.TeamID TeamID of Home Team Play-in = PI, NBA Cup Final = CUP Game HScore int YES Team.TeamID TeamID of Home Team FeamID of Home Team Game AwayID int YES Team.TeamID TeamID of Team who won Game					Season.SeasonID	-	
Player Name varchar YES Full Name of Player Player Number varchar YES Number of Player Player Position varchar YES Number of Player Player Position varchar YES If Player starts at a certain position, value is filled Game SeasonID int NO Season.SeasonID - Game GameID int NO - Unique identifier for each Game Game Date date YES Image: Player Starts at a certain position, value is filled Game GameID int NO Season.SeasonID - Game Date date YES Team Death Game Game Game HomeID varchar YES Team.TeamID TeamID of Home Team Play-in = Pl, NBA Cup Final = CUP Game Hscore int YES Team.TeamID TeamID of Away Team Game Ascore int YES Team.TeamID of Team who won Game <					-	Unique identifier for each Player	
Player Number varchar YES Number of Player Player Position varchar YES If Player starts at a certain position, value is filled Game SeasonID int NO Season.SeasonID - Game GameID int NO - Unique identifier for each Game Game Date date YES Date of Game Game GameType varchar YES Type of game Regular Season = RS, Postseason = PS, Game HomeID int YES Team.TeamID TeamID of Home Team Game HScore int YES Team.TeamID TeamID of Home team Game AwayID int YES Team.TeamID TeamID of Away Team Game AScore int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Team.TeamID TeamID of Team who lost Game Game LoserID int YES Team.TeamID TeamID of Team who l							
PositionvarcharYESIf Player starts at a certain position, value is filledGameSeasonIDintNOSeason.SeasonID-GameGameIDintNO-Unique identifier for each GameGameDatedateYESDate of GameGameGameTypevarcharYESType of gameRegular Season = RS, Postseason = PS, Play-in = PI, NBA Cup Final = CUPGameHomeIDintYESTeam.TeamIDTeamID of Home TeamGameHScoreintYESTeam.TeamID of Away TeamGameAwayIDintYESTeam.TeamIDTeamID of Away TeamGameAScoreintYESTeam.TeamIDTeamID of Team who won GameGameWinnerIDintYESTeam.TeamIDTeamID of Team who won GameGameWScoreintYESScore of winning TeamGameLoserIDintYESTeam.TeamIDTeamID of Team who lost Game							
Game SeasonID int NO Season.SeasonID - Unique identifier for each Game Game Date date YES Date of Game Date date YES Date of Game Season SeasonID Type of game Season SeasonID Type of game Season Sea							
Game GameID int NO - Unique identifier for each Game Date Date date YES Date of Game Regular Season = RS, Postseason = PS, Pay-in = PI, NBA Cup Final = CUP Removed From Earl Date of AwayID int YES Team.TeamID TeamID of Away Team Ascore int YES Team.TeamID TeamID of Team Who won Game WinnerID int YES Team.TeamID TeamID of Team Who won Game Wiscore int YES Team.TeamID TeamID of Team Who won Game Wiscore int YES Team.TeamID TeamID of Team Who won Game LoserID int YES Team.TeamID TeamID of Team Who lost Game LoserID int YES Team.TeamID TeamID of Team Who lost Game LoserID int YES Team.TeamID TeamID of Team Who lost Game Team Who lost Game LoserID int YES Team.TeamID TeamID of Team Who lost Game TeamID of TeamID of TeamID of Team Who lost Game TeamID of TeamID o					Season.SeasonID	-	
Game Date date YES Date of Game Game GameType varchar YES Team.TeamID TeamID of Home Team Game Ascore int YES Team.TeamID TeamID of Home Team Game WinnerID int YES Team.TeamID TeamID of Home Team Game WinnerID int YES Team.TeamID TeamID of Home Team Game WinnerID int YES Team.TeamID TeamID of Team Who won Game Game Wiscore int YES Team.TeamID TeamID of Team Who won Game Game Wiscore int YES Team.TeamID TeamID of Team Who won Game Game Wiscore int YES Team.TeamID TeamID of Team who won Game Game LoserID int YES Team.TeamID TeamID of Team who lost Game					-	Unique identifier for each Game	
Game GameType varchar YES Team.TeamID TeamID of Home Team Game AwayID int YES Team.TeamID TeamID of Away Team Game AScore int YES Team.TeamID TeamID of Team Who won Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game Wiscore int YES Team.TeamID TeamID of Team who won Game Game Wiscore int YES Team.TeamID TeamID of Team who won Game Game Woscore int YES Team.TeamID TeamID of Team who won Game Game Woscore int YES Team.TeamID TeamID of Team who won Game Game Woscore int YES Team.TeamID TeamID of Team who won Game Game LoserID int YES Team.TeamID TeamID of Team who lost Game							
GameGameTypeVarcharYESType of gamePlay-in = PI, NBA Cup Final = CUPGameHomeIDintYESTeam.TeamIDTeamID of Home TeamGameHScoreintYESScore of Home teamGameAwayIDintYESTeam.TeamIDTeamID of Away TeamGameAScoreintYESScore of Away TeamGameWinnerIDintYESTeam.TeamIDTeamID of Team who won GameGameWScoreintYESScore of winning TeamGameLoserIDintYESTeam.TeamIDTeamID of Team who lost Game							Regular Season = RS, Postseason = PS.
Game HomeID int YES Team.TeamID TeamID of Home Team Game HScore int YES Score of Home team Game AwayID int YES Team.TeamID TeamID of Away Team Game AScore int YES Score of Away Team Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Team.TeamID TeamID of Team who won Game Game LoserID int YES Team.TeamID TeamID of Team who lost Game	Game	GameType	varchar	YES		Type of game	
Game HScore int YES Score of Home team Game AwayID int YES Team.TeamID TeamID of Away Team Game AScore int YES Score of Away Team Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Team.TeamID TeamID of Team who won Game Game LoserID int YES Team.TeamID TeamID of Team who lost Game					Team.TeamID		, ,
Game AwayID int YES Team.TeamID TeamID of Away Team Game AScore int YES Score of Away Team Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Score of winning Team Game LoserID int YES Team.TeamID TeamID of Team who lost Game							
Game AScore int YES Score of Away Team Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Score of winning Team Game LoserID int YES Team.TeamID TeamID of Team who lost Game					Team.TeamID		
Game WinnerID int YES Team.TeamID TeamID of Team who won Game Game WScore int YES Score of winning Team Game LoserID int YES Team.TeamID TeamID of Team who lost Game		•			. sammouning		
Game WScore int YES Score of winning Team Game LoserID int YES Team.TeamID TeamID of Team who lost Game					Team.TeamID	·	
Game LoserID int YES Team.TeamID TeamID of Team who lost Game					Tourn Tourn D		
					Team TeamID		
Counce Locote Illit Locote of tooling featil					ream.reamin		
	Janie	Locule	IIIIC	ILO		ocore or tosing realit	

NBAdb Toolbox Data Dictionary

Last updated July 15th, 2025

	NBAdb Toolbox Data Dictionary Last updated July 15th, 2025							
Table	Column	Data Type	Nullable		Description	Example/Note		
Game	SeriesID	varchar		PlayoffSeries.SeriesID	If Postseason, SeriesID of playoff Game	4240010, 4240011, 4240012, etc		
Game	Datetime	datetime	YES		Date and time of Game start in EST			
GameExt	SeasonID	int	NO	Season.SeasonID	-			
GameExt	GameID	int	NO	Game.GameID	Unique identifier for each Game			
GameExt	ArenalD	int	YES	Arena.ArenaID	ArenaID in which Game took place			
GameExt	Attendance	int	YES		How many people were in attendance			
GameExt	Sellout	int	YES		Did the game sell out?			
						NBA Emirates Cup, West Conf. Finals,		
GameExt	Label	varchar	YES		Game label given from NBA	NBA Finals, etc		
GameExt	LabelDetail	varchar	YES		Detailed game label given from NBA	East, West, Game 1, Game 2, etc		
GameExt	OfficialID	int	YES	Official.OfficialID	OfficialID of primary Official			
GameExt	Official2ID	int	YES	Official.OfficialID	OfficialID of secondary Official			
GameExt	Official3ID	int	YES	Official.OfficialID	OfficialID of third Official			
GameExt	OfficialAlternateID	int	YES	Official.OfficialID	OfficialID of Alternate Official, if there is one			
GameExt	Status	varchar	YES		Status of game given from NBA			
TeamBox	SeasonID	int	NO	Season.SeasonID	-			
TeamBox	GameID	int	NO	Game.GameID	Unique identifier for each Game			
TeamBox	TeamID	int	NO	Team.TeamID	Unique identifier for each Team			
TeamBox	MatchupID	int	NO	Team.TeamID	TeamID of the opponent			
TeamBox	Points	int	YES		Points scored by Team			
TeamBox	PointsAgainst	int	YES		Points scored by opposing team			
TeamBox	FG2M	int	YES		Two point Field Goals made			
TeamBox	FG2A	int	YES		Two point Field Goals attempted			
TeamBox	FG2%	float	YES		Two point Field Goal percentage			
TeamBox	FG3M	int	YES		Three point Field Goals made			
TeamBox	FG3A	int	YES		Three point Field Goals attempted			
TeamBox	FG3%	float	YES		Three point Field Goal percentage			
TeamBox	FGM	int	YES		Field Goals made			
TeamBox	FGA	int	YES		Field Goals attempted			
TeamBox	FG%	float	YES		Field Goal percentage			
TeamBox	FieldGoalsEffectiveAdjusted	float	YES		Effective Field Goal percentage	Not present in data files/historic data		
TeamBox	FTM	int	YES		Free Throws made			
TeamBox	FTA	int	YES		Free Throws attempted			
TeamBox	FT%	float	YES		Free Throw percentage			
TeamBox	SecondChancePointsMade	int	YES		After an Offensive Rebound(OReb), Field Goals made	Not present in data files/historic data		
TeamBox	SecondChancePointsAttempted	int	YES		After an OReb, Field Goals attempted	Not present in data files/historic data		
TeamBox	SecondChancePointsPercentage	float	YES		After an OReb, Field Goal percentage	Not present in data files/historic data		
TeamBox	TrueShootingAttempts	float	YES		Calculated Total True Shooting FG Attempts	Not present in data files/historic data		
TeamBox	TrueShootingPercentage	float	YES		Calculated True Shooting percentage	Not present in data files/historic data		
TeamBox	PointsFromTurnovers	int	YES		Total Points scored after Opponent Turnover	Not present in data files/historic data		
TeamBox	PointsSecondChance	int	YES		Total Second chance Points	Not present in data files/historic data		
TeamBox	PointsInThePaint	int	YES		Total Points in the Paint	Not present in data files/historic data		
TeamBox	PointsInThePaintMade	int	YES		Total FGs in the Paint made	Not present in data files/historic data		
TeamBox	PointsInThePaintAttempted	int	YES		Total FGs in the Paint attempted	Not present in data files/historic data		
TeamBox	PointsInThePaintPercentage	float	YES		FGs in the paint percentage	Not present in data files/historic data		
TeamBox	PointsFastBreak	int	YES		Total Points scored on Fast Breaks	Not present in data files/historic data		
TeamBox	FastBreakPointsMade	int	YES		Total FGs made on Fast Breaks	Not present in data files/historic data		
TeamBox	FastBreakPointsAttempted	int	YES		Total FGs attempted on Fast Breaks	Not present in data files/historic data		
TeamBox	FastBreakPointsPercentage	float	YES		FG percentage on Fast Breaks	Not present in data files/historic data		

NBAdb Toolbox Data Dictionary

Last updated July 15th, 2025

NBAdb Toolbox Data Dictionary Last updated July 15th, 2025							
Table	Column	Data Type	Nullable	Join with	Description	Example/Note	
TeamBox	BenchPoints	int	YES		Points scored by Bench	Not present in data files/historic data	
TeamBox	ReboundsDefensive	int	YES		Total Defensive Rebounds		
TeamBox	ReboundsOffensive	int	YES		Total Offensive Rebounds		
TeamBox	ReboundsPersonal	int	YES		Total Personal Rebounds	Not present in data files/historic data	
TeamBox	ReboundsTeam	int	YES		Total Team Rebounds	Ball goes out of bounds	
						Ball goes out of bounds on defense.	
TeamBox	ReboundsTeamDefensive	int	YES		Total Team Defensive Rebounds	Not present in data files/historic data	
						Ball goes out of bounds on offense.	
TeamBox	ReboundsTeamOffensive	int	YES		Total Team Offensive Rebounds	Not present in data files/historic data	
TeamBox	ReboundsTotal	int	YES		Total Rebounds		
TeamBox	Assists	int	YES		Total Assists		
TeamBox	AssistsTurnoverRatio	float	YES		Total Assists / Total Turnovers		
TeamBox	BiggestLead	int	YES		Largest number of points Team lead by	Not present in data files/historic data	
TeamBox	BiggestLeadScore	varchar	YES		Score at time of Biggest Lead	Not present in data files/historic data	
TeamBox	BiggestScoringRun	int	YES		Largest scoring run Team went on	Not present in data files/historic data	
TeamBox	BiggestScoringRunScore	varchar	YES		Score at time of largest Scoring Run	Not present in data files/historic data	
TeamBox	TimeLeading	varchar	YES		Time in minutes that Team was leading	Not present in data files/historic data	
TeamBox	TimesTied	int	YES		Total times both Teams had the same score	Not present in data files/historic data	
TeamBox	LeadChanges	int	YES		Total times the Team with the lead changed	Not present in data files/historic data	
TeamBox	Steals	int	YES		Total Steals	The productiff data incommentation data	
TeamBox	Turnovers	int	YES		Total Personal Turnovers		
TeamBox	TurnoversTeam	int	YES		Total Team Turnovers	Not present in data files/historic data	
TeamBox	TurnoversTotal	int	YES		Total Turnovers	Not present in data files/historic data	
TeamBox	Blocks		YES		Total Blocks	The present in data incomistoric data	
TeamBox	BlocksReceived	int	YES		Total times a player was Blocked	Not present in data files/historic data	
TeamBox	FoulsDrawn	int	YES		Total Fouls drawn by players of Team	Not present in data files/historic data	
TeamBox	FoulsOffensive	int	YES		Total Offensive Fouls	Not present in data files/historic data	
	FoulsPersonal	int	YES		Total Personal Fouls	Not present in data nies/historic data	
TeamBox TeamBox	FoulsPersonal	int	YES		Total Team Fouls	Not present in data files/historia data	
	FoulsTeamTechnical	int	YES			Not present in data files/historic data	
TeamBox		int	YES		Total Team Technical Fouls	Not present in data files/historic data	
TeamBox	FoulsTechnical	int	153		Total Technical Fouls	Not present in data files/historic data	
ToomPay	Wine	int	VEC		How many Wine a Toom has at time of same	If after game, record will reflect the result of	
TeamBox	Wins	int	YES		How many Lossos at Toam has at time of game	the current game.	
TeamBox	Losses	int	YES		How many Losses at Team has at time of game	Win = 1	
TeamBox	Win	int	YES		Did Team win game?	Win = 1 Only populated if CamaType I= 'DS'	
TeamPar	Cood	int	VEC		If Diovette or Diovein Town Cond	Only populated if GameType != 'RS'.	
TeamBox	Seed	int	YES	0	If Playoffs or Play-in, Team Seed	Playoffs, Play-in, Cup have values	
PlayerBox	SeasonID	int		Season.SeasonID	- Universidantification and C		
PlayerBox	GameID	int		Game.GameID	Unique identifier for each Game		
PlayerBox	TeamID	int	NO	Team.TeamID	Team in which Player is playing for		
PlayerBox	MatchupID	int	NO	Team.TeamID	TeamID of Team in which Player is playing against		
PlayerBox	PlayerID	int		Player.PlayerID	Unique identifier for each Player		
PlayerBox	Status	varchar	YES		Status of Player at Tipoff	ACTIVE, INACTIVE	
PlayerBox	Starter	int	YES		Did player Start?	Starter = 1, else = null	
					If player started or position is not blank,		
PlayerBox	Position	varchar	YES		Position in which they started at		
PlayerBox	Minutes	varchar	YES		Minutes logged by player	MM:SS.MS, 32:01.09	
PlayerBox	MinutesCalculated	float	YES		Minutes logged by player in number form	32.01	
PlayerBox	Points	int	YES		Points scored by Player in Game		

NBAdb Toolbox Data Dictionary Last updated July 15th, 2025

NBAdb Toolbox Da						Last updated July 15th, 2025	
Table	Column	Data Type		Join with	Description	Example/Note	
PlayerBox	Assists	int	YES		Assists recorded by Player		
PlayerBox	ReboundsTotal	int	YES		Total rebounds by Player		
PlayerBox	FG2M	int	YES		Two point Field Goals made		
PlayerBox	FG2A	int	YES		Two point Field Goals attempted		
PlayerBox	FG2%	float	YES		Two point Field Goal percentage		
PlayerBox	FG3M	int	YES		Three point Field Goals made		
PlayerBox	FG3A	int	YES		Three point Field Goals attempted		
PlayerBox	FG3%	float	YES		Three point Field Goal percentage		
PlayerBox	FGM	int	YES		Field Goals made		
PlayerBox	FGA	int	YES		Field Goals attempted		
PlayerBox	FG%	float	YES		Field Goal percentage		
PlayerBox	FTM	int	YES		Free Throws made		
PlayerBox	FTA	int	YES		Free throws attempted		
PlayerBox	FT%	float	YES		Free throw percentage		
PlayerBox	ReboundsDefensive	int	YES		Total Defensive Rebounds		
PlayerBox	ReboundsOffensive	int	YES		Total Offensive Rebounds		
PlayerBox	Blocks	int	YES		Total Blocks		
PlayerBox	BlocksReceived	int	YES		Total times Blocked	Not present in data files/historic data	
PlayerBox	Steals	int	YES		Total Steals		
PlayerBox	Turnovers	int	YES		Total Turnovers		
PlayerBox	AssistsTurnoverRatio	float	YES		Assists/Turnovers		
PlayerBox	Plus	float	YES		Total Plus	Not present in data files/historic data	
PlayerBox	Minus	float	YES		Total Minus	Not present in data files/historic data	
PlayerBox	PlusMinusPoints	float	YES		Plus points - Minus points		
PlayerBox	PointsFastBreak	int	YES		Points scored on Fast Break	Not present in data files/historic data	
PlayerBox	PointsInThePaint	int	YES		Points scored in the Paint	Not present in data files/historic data	
PlayerBox	PointsSecondChance	int	YES		Points scored after Offensive Rebounds	Not present in data files/historic data	
PlayerBox	FoulsOffensive	int	YES		Offensive fouls recorded	Not present in data files/historic data	
PlayerBox	FoulsDrawn	int	YES		Times Player drew a foul	Not present in data files/historic data	
PlayerBox	FoulsPersonal	int	YES		Personal fouls recorded		
PlayerBox	FoulsTechnical	int	YES		Technical fouls recorded	Not present in data files/historic data	
PlayerBox	StatusReason	varchar	YES		Elaboration of Status	INACTIVE_INJURY, INACTIVE_NOT_WITH_TEAM, etc	
PlayerBox	StatusDescription	varchar	YES		More detailed reason why Player was given status designation	Left Ankle; Sprain, Right Achilles Tendon; Tear, etc	
PlayByPlay	SeasonID	int	NO	Season.SeasonID	-		
PlayByPlay	GameID	int	NO	Game.GameID	Unique identifier for Game		
PlayByPlay	ActionID	int	NO	-	Incrementing ID of each action for a game		
PlayByPlay	ActionNumber	int	NO		ID of action given from NBA	Data sources have differing Action Numbers unfortunately	
PlayByPlay	Qtr	int	YES		Quarter of Game		
PlayByPlay	Clock	varchar	YES		Game Clock at time of action		
PlayByPlay	TimeActual	datetime	YES		Actual time when action occurred	Not present in data files/historic data	
PlayByPlay	ScoreHome	int	YES		Home team score		
PlayByPlay	ScoreAway	int	YES		Away team score		
PlayByPlay	Possession	int	YES	Team.TeamID	TeamID of team in Possession	Not present in data files/historic data	
PlayByPlay	TeamID	int	YES	Team.TeamID	TeamID of Team that action was for		
PlayByPlay	Tricode	varchar	YES		Tricode of Team that action was for		
PlayByPlay	PlayerID	int		Player.PlayerID	Primary Player involved with action		
PlayByPlay	Description	varchar	YES	, ,,	Description of action		
PlayByPlay	SubType	varchar	YES		Short description of action	"Jump Shot", "1/2" (FTs), "Defensive" (Rebound), etc	
PlayByPlay	IsFieldGoal	int	YES		Was action a Field Goal	Yes = 1, No = null	

NBAdb Toolbox Data Dictionary Last updated July 15th, 2025

	NBAdb Toolbox Data Dictionary Last updated July 15th, 2025								
Table	Column	Data Type	Nullable	Join with	Description	Example/Note			
PlayByPlay	ShotResult	varchar	YES		If Shot, Make or Miss	Made, Missed			
PlayByPlay	ShotValue	int	YES		Point value of Field Goal	1, 2, 3			
PlayByPlay	ActionType	varchar	YES		Short description of what Action was	2pt, 3pt, foul, timeout, steal, rebound, etc			
PlayByPlay	ShotDistance	float	YES		Distance in Feet of shot				
PlayByPlay	Xlegacy	float	YES		X value of shot. Legacy = Historic/Data File source	These values appear to only track half court			
PlayByPlay	Ylegacy	float	YES		Y value of shot. Legacy = Historic/Data File source	These values appear to only track half court			
PlayByPlay	X	float	YES		X value of shot	Full court tracking. Not present in data files/historic data			
PlayByPlay	Υ	float	YES		Y value of shot	Full court tracking. Not present in data files/historic data			
PlayByPlay	Location	varchar	YES		Side of court where Shot was taken	h/v			
,_,,						Mid-Range, In The Paint (Non-RA), Above the Break 3,			
						Restricted Area, etc			
PlayByPlay	Area	varchar	YES		Area of court where Shot was taken	Not present in data files/historic data			
r taybyr tay	Trica	Varcitat	120		Allea of court whore effect was taken	8-16 Left, 0-8 Center, 24+ Right Center, 0-8 Center			
PlayByPlay	AreaDetail	varchar	YES		Detailed Area of court where Shot was taken	Not present in data files/historic data			
т шубуг шу	Arcabetait	Varcitat	1123		Detailed Area of court where only was taken	Left, Right			
PlayByPlay	Side	varchar	YES		Directional side of Court	Not present in data files/historic data			
			YES		Type of Shot in code form	•			
PlayByPlay	ShotType	varchar	YES			FG2M, FG2A, FG3M, FG3A, FTM, FTA			
PlayByPlay	PtsGenerated	int	TES		Number of points generated from shot	FG3M = 3, FG3 Miss = 0			
DieviDuDievi	Danasintas		VEC		Voule to describe setion	"driving finger roll", "running pullup", "bad pass", etc			
PlayByPlay	Descriptor	varchar	YES		Verb to describe action	Not present in data files/historic data			
		l .				pointsinthepaint, fromturnover, etc			
	Qual1	varchar	YES		What categories this action qualifies for	Not present in data files/historic data			
PlayByPlay	Qual2	varchar	YES			Not present in data files/historic data			
PlayByPlay	Qual3	varchar	YES			Not present in data files/historic data			
						Let's say ActionNbr 3 = Rebound. This record's			
						ShotActionNbr is the ActionNbr in which the			
						shot occurred that was rebounded here			
PlayByPlay	ShotActionNbr	int	YES		The ActionNbr of the Shot this action is correlated with	Not present in data files/historic data			
PlayByPlay	PlayerIDAst	int	YES	Player.PlayerID	PlayerID of Player who Assisted basket	Not present in data files/historic data			
PlayByPlay	PlayerIDBlk	int	YES	Player.PlayerID	PlayerID of Player who Blocked shot	Not present in data files/historic data			
PlayByPlay	PlayerIDStl	int	YES	Player.PlayerID	PlayerID of Player who Stole ball	Not present in data files/historic data			
PlayByPlay	PlayerIDFoulDrawn	int	YES	Player.PlayerID	PlayerID of Player who drew the foul	Not present in data files/historic data			
PlayByPlay	PlayerIDJumpW	int	YES	Player.PlayerID	PlayerID of Player who won the jump ball	Not present in data files/historic data			
PlayByPlay	PlayerIDJumpL	int	YES	Player.PlayerID	PlayerID of Player who lost the jump ball	Not present in data files/historic data			
PlayByPlay	OfficialID	int	YES	Official.OfficialID	OfficialID of Official who was involved in action				
PlayByPlay	QtrType	varchar	YES		Type of Quarter in game	REGULAR, OVERTIME, null			
TeamBoxLineups	SeasonID	int	NO	Season.SeasonID	-				
TeamBoxLineups	GameID	int	NO	Game.GameID	Unique Identifier for game				
TeamBoxLineups	TeamID	int	NO	Team.TeamID	Unique identifier for Team				
TeamBoxLineups	MatchupID	int	NO	Team.TeamID	TeamID of Team in which Player is playing against				
TeamBoxLineups	Unit	varchar	NO		Specific Unit within Team	Starters, Bench			
TeamBoxLineups	Minutes	varchar	YES		Total Minutes recorded for Unit				
TeamBoxLineups	Points	int	YES		Total Points recorded for Unit				
TeamBoxLineups	FG2M	int	YES		Total FG2M recorded for Unit				
TeamBoxLineups	FG2A	int	YES		Total FG2A recorded for Unit				
TeamBoxLineups	FG2%	float	YES		FG2% recorded for Unit				
TeamBoxLineups	FG3M	int	YES		Total FG3M recorded for Unit				
TeamBoxLineups	FG3A	int	YES		Total FG3A recorded for Unit				
	FG3%		YES		FG3% recorded for Unit				
TeamBoxLineups	1 0370	float	IES		1 03% recorded for office				

lbox Data Dictionary	Last updated July 15th, 2025

NBAdb Toolbox D	NBAdb Toolbox Data Dictionary Last updated July 15th, 2025								
Table	Column	Data Type	Nullable	Join with	Description	Example/Note			
TeamBoxLineups	FGM	int	YES		Total FGM recorded for Unit				
TeamBoxLineups	FGA	int	YES		Total FGA recorded for Unit				
TeamBoxLineups	FG%	float	YES		FG% recorded for Unit				
TeamBoxLineups	FTM	int	YES		Total FTM recorded for Unit				
TeamBoxLineups	FTA	int	YES		Total FTA recorded for Unit				
TeamBoxLineups	FT%	float	YES		FT% recorded for Unit				
TeamBoxLineups	ReboundsDefensive	int	YES		Total ReboundsDefensive recorded for Unit				
TeamBoxLineups	ReboundsOffensive	int	YES		Total ReboundsOffensive recorded for Unit				
TeamBoxLineups	ReboundsTotal	int	YES		Total ReboundsTotal recorded for Unit				
TeamBoxLineups	Assists	int	YES		Total Assists recorded for Unit				
TeamBoxLineups	AssistsTurnoverRatio	float	YES		Total AssistsTurnoverRatio recorded for Unit				
TeamBoxLineups	Steals	int	YES		Total Steals recorded for Unit				
TeamBoxLineups	Turnovers	int	YES		Total Turnovers recorded for Unit				
TeamBoxLineups	Blocks	int	YES		Total Blocks recorded for Unit				
TeamBoxLineups	FoulsPersonal	int	YES		Total FoulsPersonal recorded for Unit				
StartingLineups	SeasonID	int	NO	Season.SeasonID	-				
StartingLineups	GameID	int	NO	Game.GameID	Unique Identifier for game				
StartingLineups	TeamID	int	NO	Team.TeamID	Unique identifier for Team				
StartingLineups	MatchupID	int	NO	Team.TeamID	TeamID of Team in which Player is playing against				
StartingLineups	PlayerID	int	NO	Player.PlayerID	Unique identifier for each Player				
StartingLineups	Unit	varchar	YES		Specific Unit within Team				
StartingLineups	Position	varchar	YES		If Player started, started at this position				