

Name: Broadcast Team

Description: The team responsible for transmitting the game on TV.

- **Name:** VarChar(80), the name of the broadcasting team
- **TeamSize:** Integer, the number of teams members in the team
- **FKTeamName:** VarChar(40), the name of an NBA franchise
- **Foreign Key:** FKTeamName references Franchise(teamName)

Name: Camera Operator

Description: An operator of the cameras which broadcast the game

- **Camera_Type:** VarChar(40), the camera equipment used by the operator
- **FKTeamName:** Integer, the unique ID number for an employee
- **Foreign Key:** FKTeamName references Broadcast Team(FKTeamName)

Name: Coach

Description: Person responsible for creating strategies and instructing players

- **Experience:** Integer, the number of year a coach has been a coach
- **FKEmployeeID:** Integer, the unique ID number for an employee
- **Foreign Key:** FKEmployeeID references Employee(employeeID)

Name: Commentator

Description: Person responsible for providing live commentary of a game.

- **Mic_Type:** VarChar(40), the microphone equipment used by the commentator
- **FKTeamName:** Integer, the unique ID number for an employee
- **Foreign Key:** FKTeamName references Broadcast Team(FKTeamName)

Name: Company

Description: The company that sponsors franchises.

- **Name:** VarChar(80), name of the sponsor company.
- **SponsorshipAmount:** Integer, the amount of sponsorship money to a franchise
- **TaxID:** Integer, the tax id of the company
- **Primary Key:** taxID

Name: Employee

Description: The person that will be employed by a franchise or the NBA.

- **DateOfBirth:** Integer, the date the employee was born.
- **EmployeeID:** Integer, the unique ID number for an employee

- **Name:** Compound attribute, legal name consisting of first and last name
 - **First:** VarChar(40), the legal first name of an employee
 - **Last:** VarChar(40), the legal last name of an employee
- **Sex:** VarChar(6), the gender of the employee
- **FKNBATaxID:** Integer, the tax id number of the NBA.
- **FKTeamName:** VarChar(40), the name of an NBA franchise
- **Primary Key:** EmployeeID
- **Foreign Key:** FKTeamName references Franchise(teamName)
- **Foreign Key:** FKNBATaxID references NBA(taxID)

Name: Franchise

Description: The team competing in the NBA.

- **Location:** Compound attribute, the location of the NBA franchise consisting of a city and state
 - **City:** VarChar(40), the city that the NBA franchise is located in
 - **State:** VarChar(40), the state that the NBA franchise is located in
- **Num_Championships:** Integer, the number of championships won by an NBA franchise
- **Team_Name:** The unique name of the NBA franchise
- **FKNBATaxID:** Integer, the tax id number of the NBA.
- **Primary Key:** Team_Name
- **Foreign Key:** FKNBATaxID references NBA(taxID)

Name: NBA

Description: The league which comprises the franchises and by which the tournament will be played.

- **TaxID:** Integer, the tax id number of the NBA.
- **Primary Key:** taxID

Name: Owner

Description: A person that owns an NBA franchise and has control over who is hired.

- **OwnershipYears:** Integer, the number of years the owner has maintained ownership of a franchise
- **FKEmployeeID:** Integer, the unique ID number for an employee
- **Foreign Key:** FKEmployeeID references Employee(employeeID)

Name: Player

Description: Person that is part of a franchise and plays in games.

- **Height:** Integer, the height of a player in inches
- **Rating:** Integer, the rating of a player, out of 99
- **Rings:** Integer, the number of rings a player has
- **FKEmployeeID:** Integer, the unique ID number for an employee
- **Foreign Key:** FKEmployeeID references Employee(employeeID)

Name: Production Crew

Description: Group of people responsible for filming, editing, commentating, and broadcasting an NBA game.

- **Production_Software:** VarChar(40), the software used by the production crew to broadcast the game
- **FKTeamName:** Integer, the unique ID number for an employee
- **Foreign Key:** FKTeamName references Broadcast Team(FKTeamName)

Name: Referee

Description: Person responsible for inspecting equipment before the game, enforcing rules of the game in real-time.

- **Number_of_games:** Integer, the number of games a referee officiates
- **FKEmployeeID:** Integer, the unique ID number for an employee
- **Foreign Key:** FKEmployeeID references Employee(employeeID)

Name: Season Pass

Description: A subscription that gives access to live and on-demand games on their phones and TVs.

- **Year:** Integer, the year the season pass is valid for.
- **FKTaxID:** Integer, the tax ID for the service
- **Foreign Key:** FKTaxID references Service(TaxID)

Name: Season Ticket

Description: A collection of tickets to enter a venue to watch a game live

- **TeamName:** VarChar(40), the name of the team that the season ticket belongs to.
- **FKTaxID:** Integer, the tax ID for the service
- **Foreign Key:** FKTaxID references Service(TaxID)

Name: Seasons

Description: A collection of regular season and postseason games that are played to determine the champion.

- **Playoffs:** Boolean, whether the current game is a playoff game
- **Finals:** Boolean, whether the current game is the championship game
- **Game:** Compound Attribute, a match between two teams/franchises
 - **Team1Name:** VarChar(40), name of first team in the match
 - **Team2Name:** VarChar(40), name of second team in the match
 - **GameDate:** Date, the date that the game is played
 - **GameID:** Integer, the id number of the game in the season.
- **Season_Num:** Integer, chronological order identifying each NBA season
- **Year:** Integer, the calendar year that the season is being played in.
- **FKTaxID:** Integer, the tax ID for the service
- **Primary Key:** Season_Nim
- **Foreign Key:** FKTaxID references Service(TaxID)

Name: Service

Description: A method of televising NBA games.

- **Price:** Integer, the cost of buying one service.
- **NBATaxID:** Integer, the tax ID for the service
- **FKTaxID:** Integer, the tax ID for the service
- **Primary Key:** TaxID
- **Foreign Key:** FKNBATaxID references NBA(taxID)

Name: Sponsor

Description: Company sponsors a franchise

- **FkTax:** Integer, the tax ID for the service
- **FkTeam:** varChar(40), the unique name of the NBA franchise
- **Foreign Key:** FkTax references company(taxID)
- **Foreign Key:** FkTeam references franchise(teamName)

Name: Staff

Description: A person employed by a franchise other than player or coach.

- **Role:** Role- VarChar(80), the role the staff is doing

- **FKEmployeeID:** Integer, the unique ID number for an employee
- **Foreign Key:** FKEmployeeID references Employee(employeeID)

Name: Streaming Service

Description: An online provider of NBA game streams that are available on a yearly plan.

- **StreamPlatform:** VarChar(40), the name of the streaming service where fans can watch games.
- **FKTaxID:** Integer, the tax ID for the service
- **Foreign Key:** FKTaxID references Service(TaxID)