

1. Team – used to describe who owns the team, its name, where it's located, and the division they are in
 - a. team_id
 - i. PK (int)
 - ii. Unique team ID
 - b. team_owner
 - i. VARCHAR
 - c. team_name
 - i. VARCHAR
 - ii. Full team name
 - d. stadium_id
 - i. FK (int)
 - e. city
 - i. VARCHAR
 - ii. City name
 - f. abbreviation
 - i. VARCHAR (3)
 - ii. Teams short code
 - g. division-id
 - i. FK to division (int)
2. Player – gives the players details, what team and position they are on including their jersey number
 - a. player_id
 - i. PK (int)
 - ii. Players unique id
 - b. first_name
 - i. VARCHAR
 - c. last_name
 - i. VARCHAR
 - d. team_id
 - i. FK to team (int)
 - e. position_id
 - i. FK to position (int)
 - f. jersey_number
 - i. int
3. Position – gives the code and name of the position
 - a. position_id
 - i. PK (int)

- b. position_code
 - i. VARCHAR (3)
 - c. position_name
 - i. VARCHAR
- 4. Game – gives the details of each game including who the home and away teams are, the date of the game and the stadium where the game will be played
 - a. game_id
 - i. PK (int)
 - b. home_team_id
 - i. FK to team (int)
 - c. away_team_id
 - i. FK to team (int)
 - d. game_date
 - i. DATETIME
 - e. stadium_id
 - i. FK to stadium (int)
- 5. PlayerStats – A stats for each game a player is in
 - a. player_stat_id
 - i. PK (int)
 - b. game_id
 - i. FK to game (int)
 - c. player_id
 - i. FK to player (int)
 - d. passing_yards
 - i. Int
 - e. rushing_yards
 - i. Int
 - f. sacks
 - i. Int
 - g. fumbles
 - i. Int
 - h. interceptions
 - i. Int
 - i. ypa
 - i. Decimal
 - ii. Calculated var, yards per attempt
 - j. touchdown
 - i. Int

- k. field_goals
 - i. Int
- l. rushing_attempts
 - i. Int
- m. passing_yards
 - i. Int
- 6. Division – gives the name and id for the divisions
 - a. division_id
 - i. PK (int)
 - b. division_name
 - i. VARCHAR
 - c. confrence_id
 - i. FK to confrence (int)
- 7. Confrence – gives the name for the confrences
 - a. confrence_id
 - i. PK (int)
 - b. name
 - i. VARCHAR
- 8. Stadium – gives the name, address, and sponsor as well as the max occupancy for the stadium
 - a. stadium_id
 - i. PK (int)
 - b. address
 - i. VARCHAR
 - c. name
 - i. VARCHAR
 - d. sponsor
 - i. VARCHAR
 - e. max_occupancy
 - i. Int