

Conference	DataType	Description
conference_id	int	Primary Key
conference_full_name	varchar	Name of the conference
conference_short_name	varchar	Short name of the conference
conference_abbreviation	varchar	Abbreviation of the conference

Team	DataType	Description
team_id	int	Primary Key
conference_id	varchar	Foreign Key
school	varchar	Name of school
mascot	varchar	Mascot of the school
team_abbreviation	varchar	Abbreviation of the team name
alt_name1	varchar	Alternate name of a team
alt_name2	varchar	Alternate name of a team
alt_name3	varchar	Alternate name of a team
division	varchar	Division name
color	varchar	Color of the jersey
alt_color	varchar	Alternate color of the jersey
logos0	varchar	Team logo
logos1	varchar	Team logo
venue_id	int	Stadium location ID - Unique Identifier
venue_name	varchar	Name of the Stadium
location_city	varchar	Location City of the Stadium
location_state	varchar	Location State of the Stadium
location_zip	varchar	Location Zip code of the Stadium
location_country_code	varchar	Location Country of the Stadium
location_timezone	varchar	Location Time zone of the Stadium
location_latitude	float	Latitude of Stadium's location
location_longitude	float	Longitude of Stadium's location
location_elevation	float	Elevation of Stadium's location
location_capacity	int	Capacity of Stadium's location
location_year_constructed	int	Construction year of the Stadium
location_grass	boolean	Is Stadium grass or turf?
location_dome	boolean	Is Stadium a Dome?

Game	DataType	Description
game_id	int	Primary Key
season	int	Season year
week	int	Week Number
season_type	varchar	Regular, Pre or Post season
start_date	timestamp	Stat date of the game
neutral_site	boolean	Is the site neutral?
conference_game	boolean	Is the game a conference game?
attendance	int	Number of people attended
venue_id	int	Stadium location ID
venue	varchar	Name of the Stadium
home_team_id	int	Foreign Key

home_team	varchar	Name of the home team
home_points	int	Points scored by the home team
home_line_scores_0	int	line score
home_line_scores_1	int	line score
home_line_scores_2	int	line score
home_line_scores_3	int	line score
home_post_win_prob	float	Home team winning probability
away_team_id	int	Foreign Key
away_team	varchar	Name of the away team
away_points	int	Points scored by the away team
away_line_scores_0	int	line score
away_line_scores_1	int	line score
away_line_scores_2	int	line score
away_line_scores_3	int	line score
away_post_win_prob	float	Away team winning probability
excitement_index	float	Excitement index of the game
highlights	varchar	highlights of the game
notes	varchar	comments of the game

Drive	DataType	Description
drive_id	int	Primary Key
game_id	bigint	Foreign Key
offense	varchar	Team running the offense
offense_conference	varchar	Conference of the team running the offense
defense	varchar	Team running the defense
defense_conference	varchar	Conference of the team running the defense
drive_number	smallint	Drive number
scoring	boolean	Is the drive ended up with a score
start_period	int	Drive start
start_yardline	smallint	Starting yard line of the drive
start_yards_to_goal	smallint	Distance from the starting yard line to the end zone
start_time_minutes	smallint	Start time in minutes
start_time_seconds	smallint	Start time in seconds
end_period	smallint	Drive end
end_yardline	smallint	Ending yard line of the drive
end_yards_to_goal	smallint	Distance between the drive ended yard line to the end zone
end_time_minutes	smallint	End time in minutes
end_time_seconds	smallint	End time in seconds
elapsed_minutes	smallint	Elapsed minutes of the drive
elapsed_seconds	smallint	Elapsed seconds of the drive
plays	smallint	Number of plays
yards	smallint	Yards gained
drive_result	varchar	Drive result
is_home_offense	boolean	Is the offense run by the home team
start_offense_score	smallint	Starting score of the offensive team of the drive
start_defense_score	smallint	Starting score of the defensive team of the drive
end_offense_score	smallint	Ending score of the offensive team of the drive

end_defense_score	smallint	Ending score of the defensive team of the drive
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Play	DataType	Description
play_id	bigint	Primary Key
game_id	bigint	Foreign Key
drive_id	bigint	Foreign Key
offense_team_id	int	Foreign Key
offense_team	varchar	Team running the offense
defense_team_id	int	Foreign Key
defense_team	varchar	Team running the defense
drive_number	smallint	Foreign Key
play_number	smallint	Play number of the drive
period	smallint	Play starting period
clock_minutes	smallint	Minutes into the quarter
clock_seconds	smallint	Seconds into the quarter
offense_timeouts	smallint	Time outs left for the team in offense
defense_timeouts	smallint	Time outs left for the team in defense
yard_line	smallint	Starting yard line
yards_to_goal	smallint	Yards to goal
down	smallint	Down number
distance	integer	Distance to go in a down
scoring	boolean	Is it a score?
yards_gained	integer	Yards gained in the play
play_type	varchar	Foreign Key
play_text	varchar	Play result notes
ppa	float	Predicted Points Added
wallclock	timestamp	Time of the game

Play	DataType	Description
play_type_id	smallint	Primary Key
play_type	varchar	Play type description
abbreviation	varchar	Play type Abbreviation